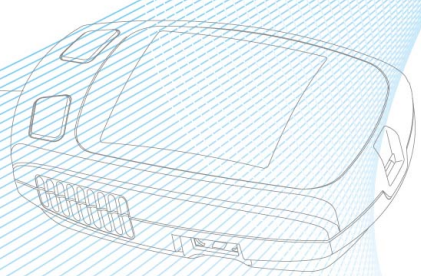
On·Call®

Diabetes Management Software

User's Guide



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1. Overview

1.1 Materials Required

- *On Call®* Diabetes Management Software Installation CD
- *On Call®* USB Data Transfer Cable
- *On Call®* enabled Blood Glucose Meter
- *On Call®* Diabetes Management Software User's Guide

***Note:* "*On Call®* DMS" will be used as the abbreviation of the "*On Call®* Diabetes Management Software" in the User's Guide.**

1.2 System Requirements

The following are minimum requirements for ***On Call®* DMS** operation:

Operating System: Windows 8 Professional (32 bit / 64 bit)
Windows 7 Professional or Home Premium (32 bit / 64 bit)
Windows Vista Business, Home Basic, or Home Premium (32 bit)
Windows XP Professional or XP Home (32 bit)

Processor: Pentium 4-class processor or equivalent

Memory: 512 MB

Hard Disk Space: 100 MB (depends on amount of data to be managed)

Connection Port: Available USB port (USB to Serial port adapter accessory is available)

Display: at least 1024×768

Drive: CD-ROM drive

1.3 User Mode

The ***On Call®* DMS** can be installed in one of two modes or editions: **Professional Edition** and **Home Edition**.

Professional Edition: Choose Professional Edition for healthcare professionals with multiple healthcare providers and patients. It has all the features of the Home Edition, but supports more than one patient and healthcare provider, each with individually displayed results and healthcare administrator function. Professional Edition includes security features to allow different access levels for multiple users.

Home Edition: Choose Home Edition if the software will be used by only one patient.

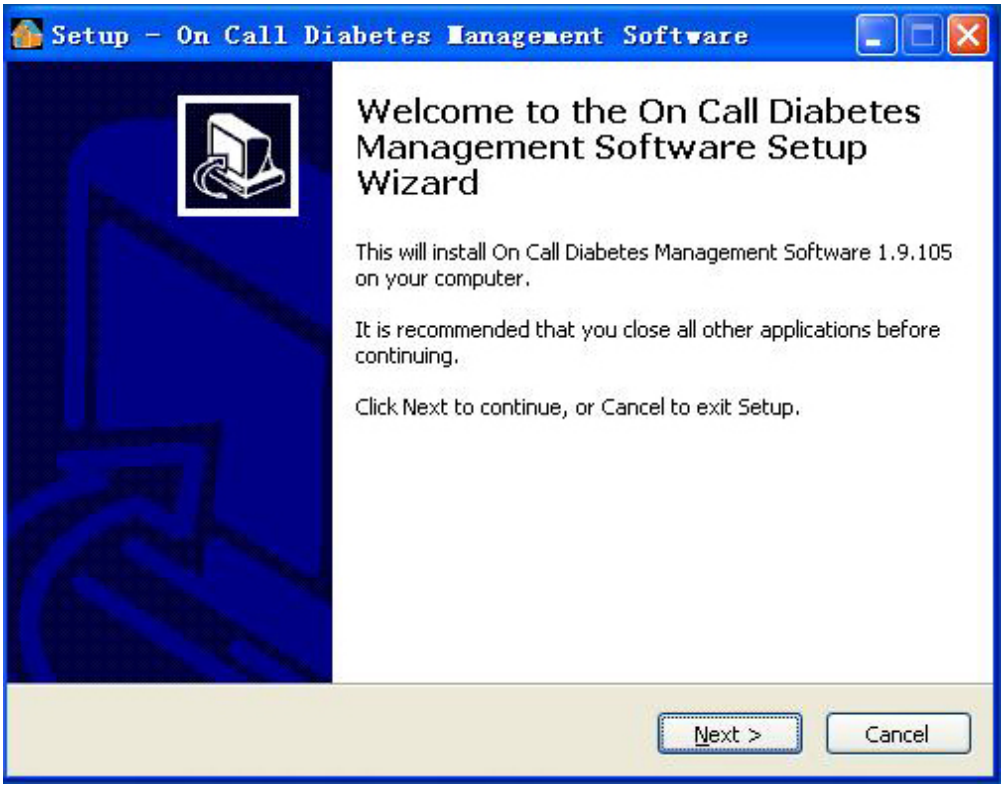
2. Installation Instructions

2.1 Installing the *On Call®* Diabetes Management Software

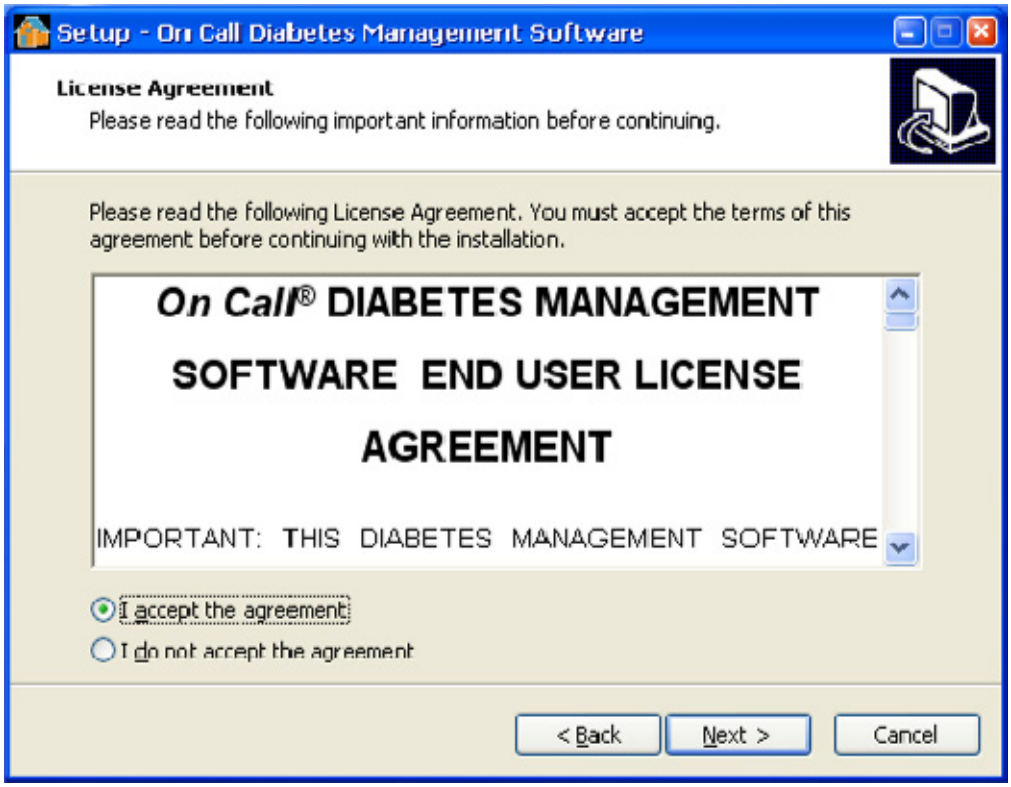
***Note:* Please be sure to install the *On Call®* DMS under administrator's privilege.**

Insert the CD provided in the ***On Call®* DMS Kit** into the CD drive of your computer. The installation should start automatically. If the installation process does not start automatically, navigate to the CD drive and double click the installer file (On_Call_DMS_Setup_OUSv1.9.105.exe) in the installation CD.

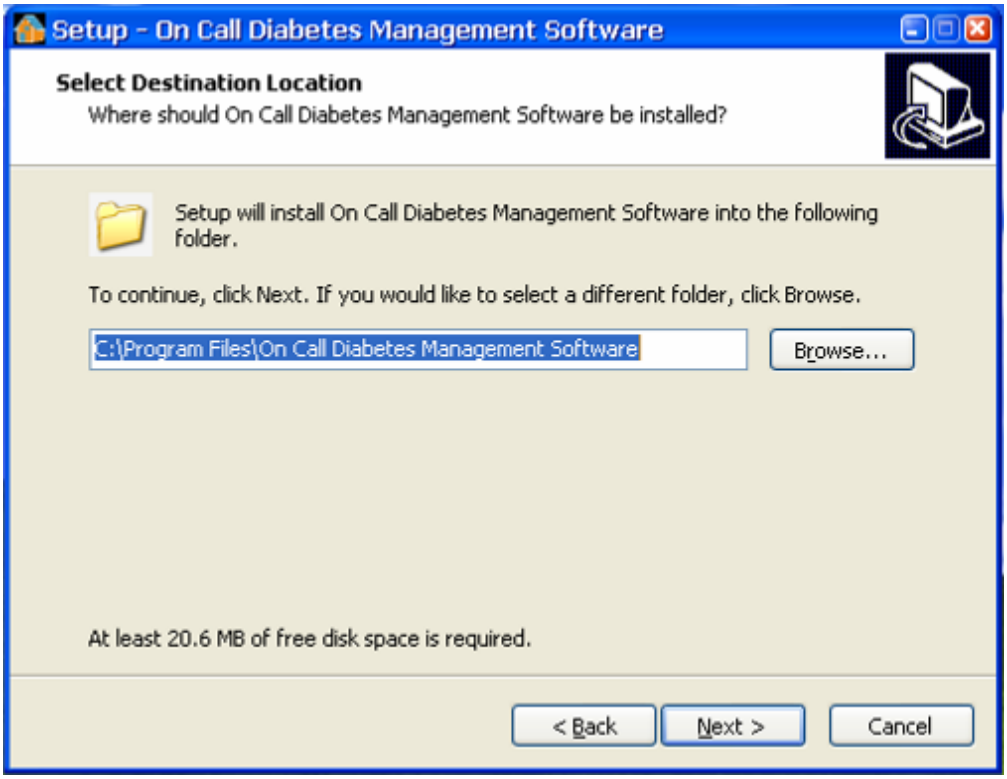
The installshield wizard will start as shown below. Click ***Next >***.


Setup - On Call Diabetes Management Software
Welcome to the On Call Diabetes Management Software Setup Wizard
This will install On Call Diabetes Management Software 1.9.105 on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

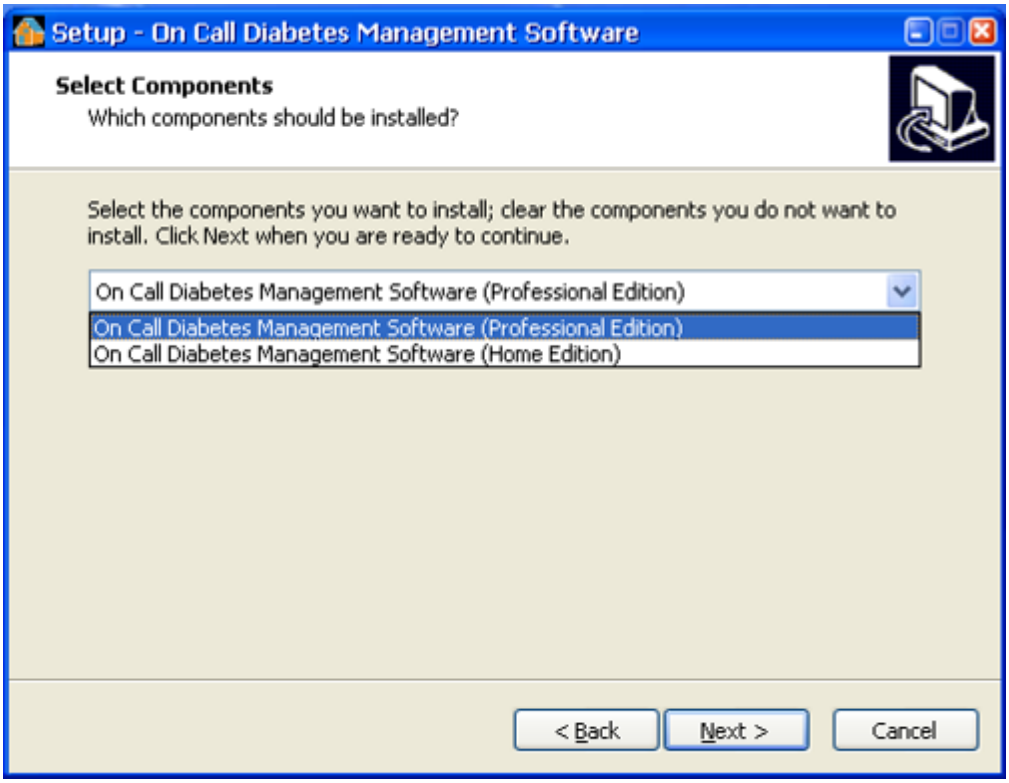
The License Agreement will be displayed as follows. If you agree with the contents, select the ***accept*** option and click ***Next >***.


Setup - On Call Diabetes Management Software
License Agreement
Please read the following important information before continuing.
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
On Call® DIABETES MANAGEMENT SOFTWARE END USER LICENSE AGREEMENT
IMPORTANT: THIS DIABETES MANAGEMENT SOFTWARE
I accept the agreement
I do not accept the agreement
< Back
Next >
Cancel

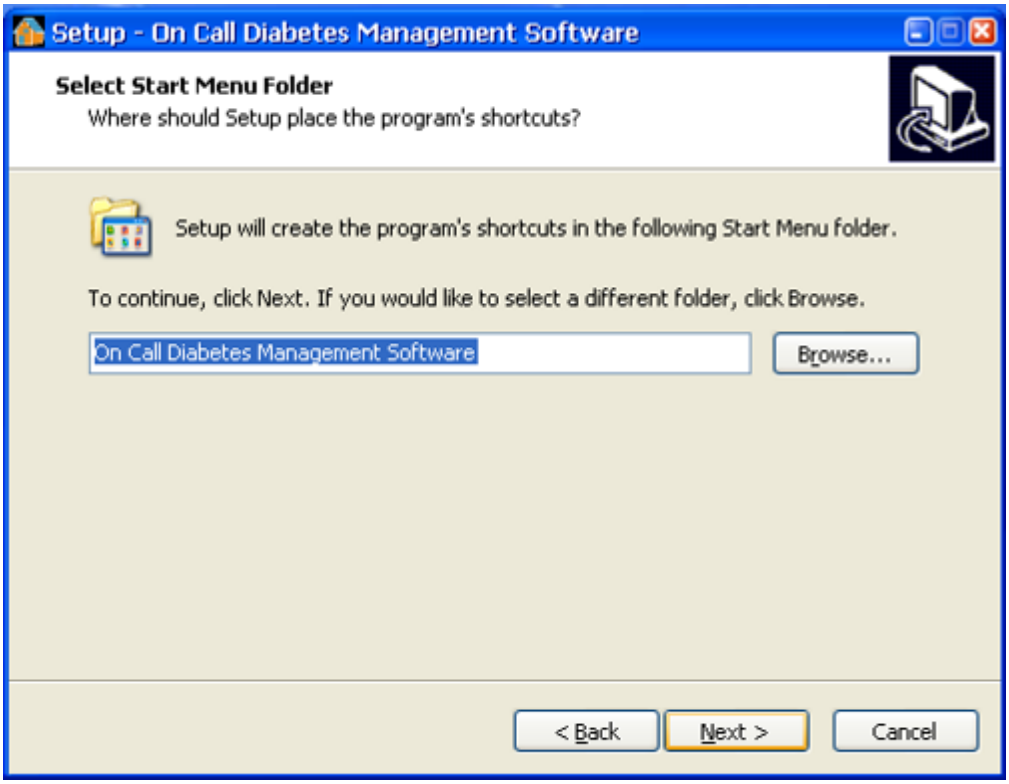
The setup page will be displayed as shown below. It is recommended not to change any of the default settings. Click ***Next >***


Setup - On Call Diabetes Management Software
Select Destination Location
Where should On Call Diabetes Management Software be installed?
Setup will install On Call Diabetes Management Software into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\On Call Diabetes Management Software
Browse...
At least 20.6 MB of free disk space is required.
< Back
Next >
Cancel

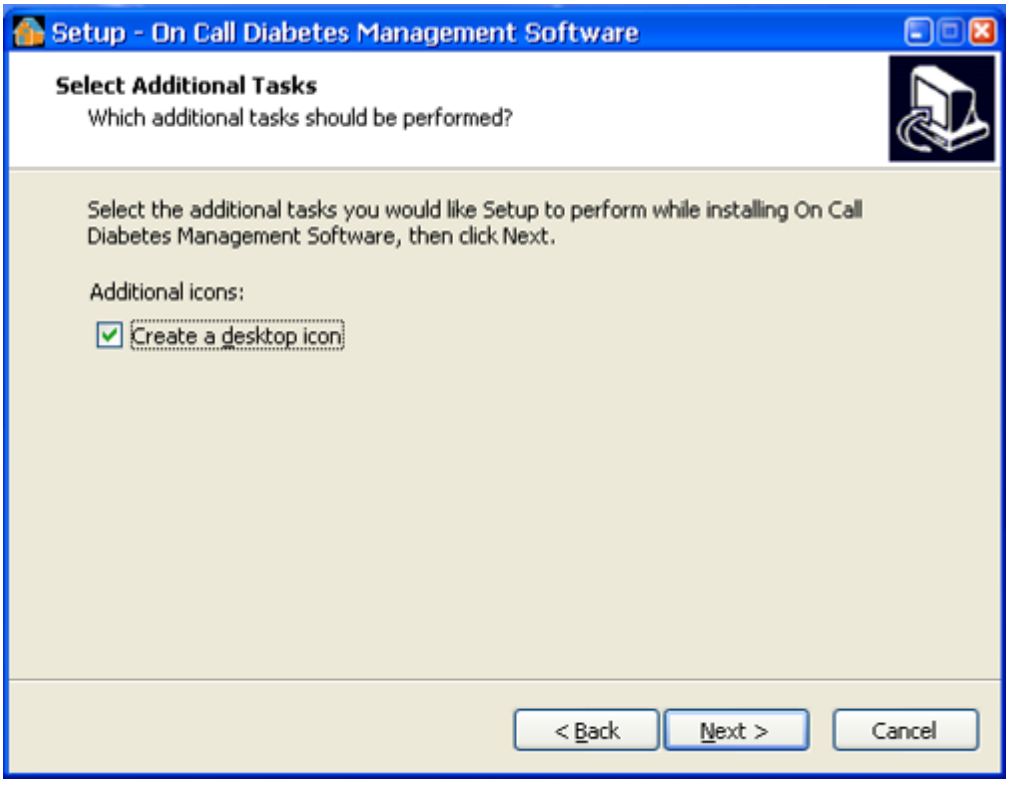
Then you will be requested to select **Professional Edition** or **Home Edition**. Select one, and click ***Next >***.


Setup - On Call Diabetes Management Software
Select Components
Which components should be installed?
Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.
On Call Diabetes Management Software (Professional Edition)
On Call Diabetes Management Software (Professional Edition)
On Call Diabetes Management Software (Home Edition)
< Back
Next >
Cancel

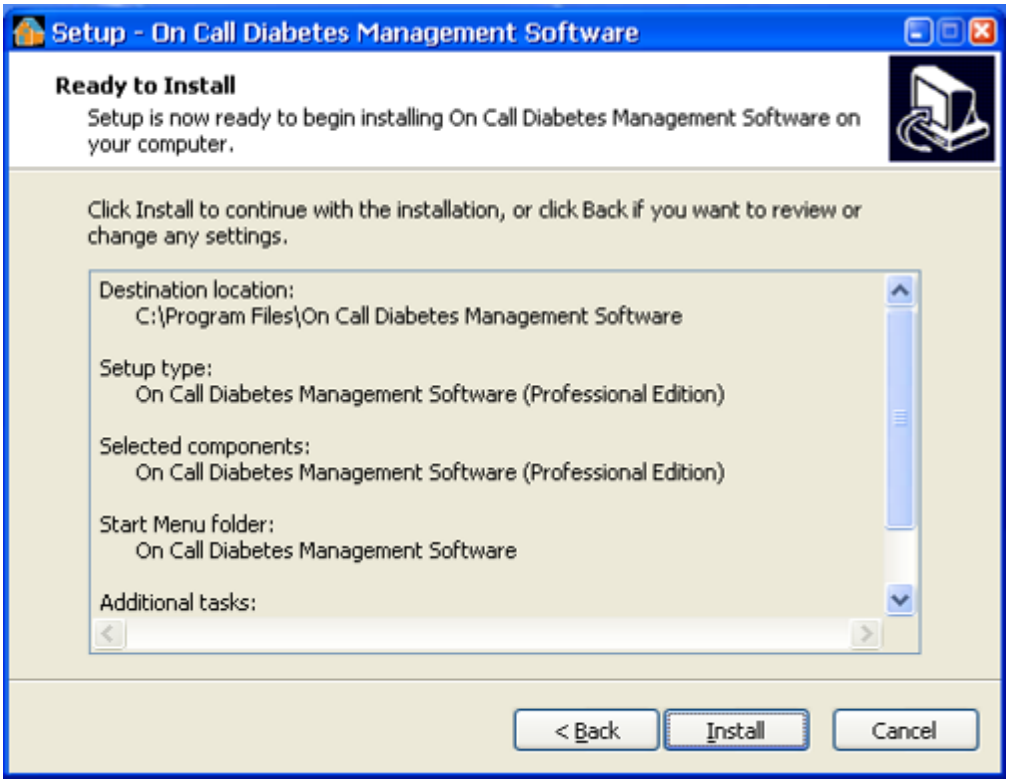
And then you will be requested to create the program's shortcuts displayed as follows. It is recommended not to change any of the default settings. Click ***Next >***


Setup - On Call Diabetes Management Software
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
On Call Diabetes Management Software
Browse...
< Back
Next >
Cancel

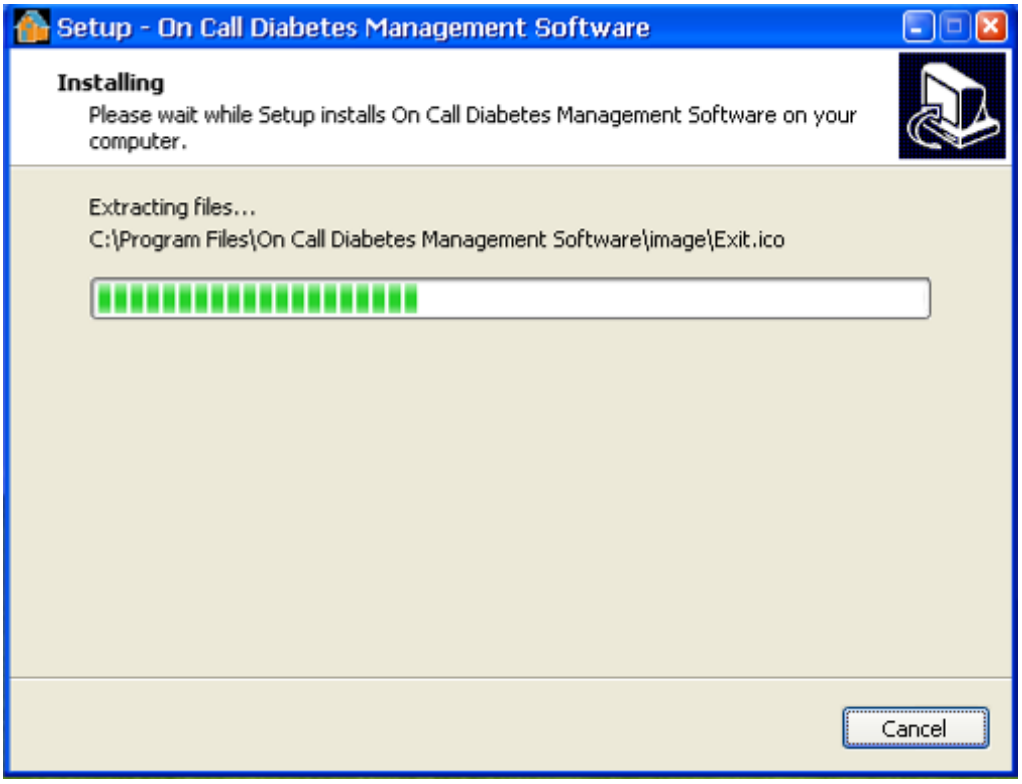
An additional task will be displayed as follows. If you would like to create a desktop icon, click the ***Create a desktop icon*** option and click ***Next >***


Setup - On Call Diabetes Management Software
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing On Call Diabetes Management Software, then click Next.
Additional icons:
Create a desktop icon
< Back
Next >
Cancel

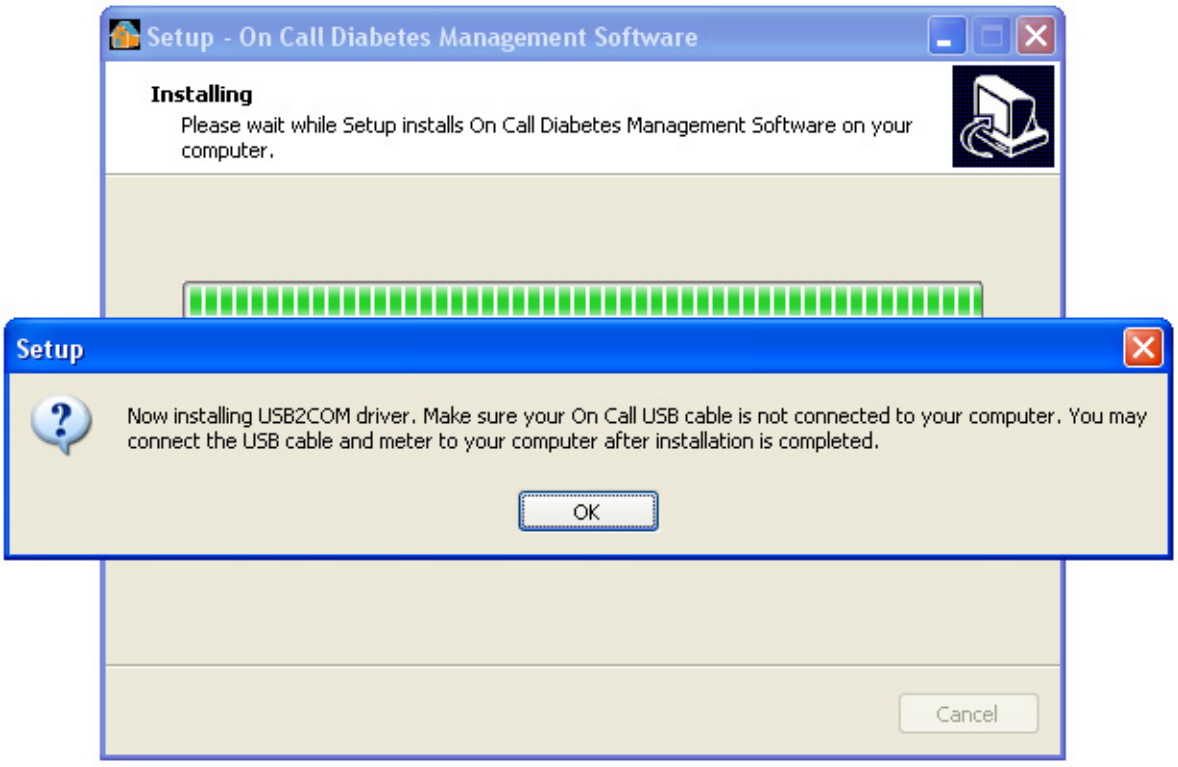
Before the software is installed, the **Current Settings** will show details of the installation. Review the settings and Click ***Install >*** to continue with the installation. Click ***< Back*** if you want to modify any of the settings.


Setup - On Call Diabetes Management Software
Ready to Install
Setup is now ready to begin installing On Call Diabetes Management Software on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
C:\Program Files\On Call Diabetes Management Software
Setup type:
On Call Diabetes Management Software (Professional Edition)
Selected components:
On Call Diabetes Management Software (Professional Edition)
Start Menu folder:
On Call Diabetes Management Software
Additional tasks:
< Back
Install
Cancel

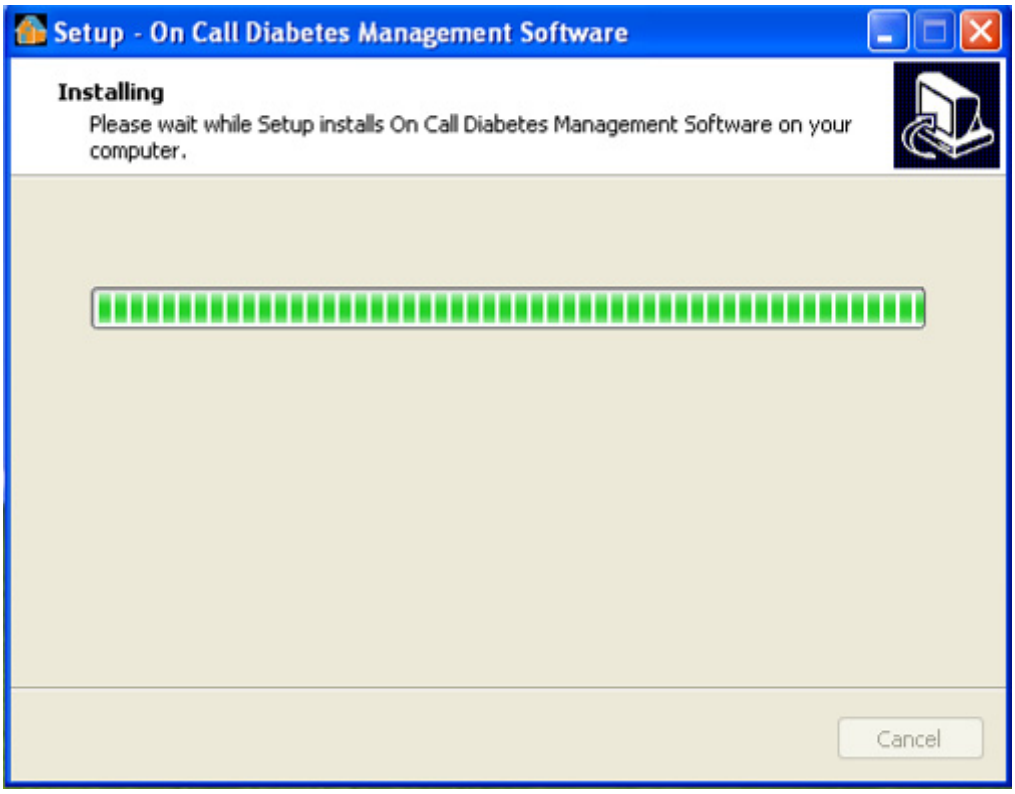
The following screen will display the progress of the installation.


Setup - On Call Diabetes Management Software
Installing
Please wait while Setup installs On Call Diabetes Management Software on your computer.
Extracting files...
C:\Program Files\On Call Diabetes Management Software\image\Exit.ico
Cancel

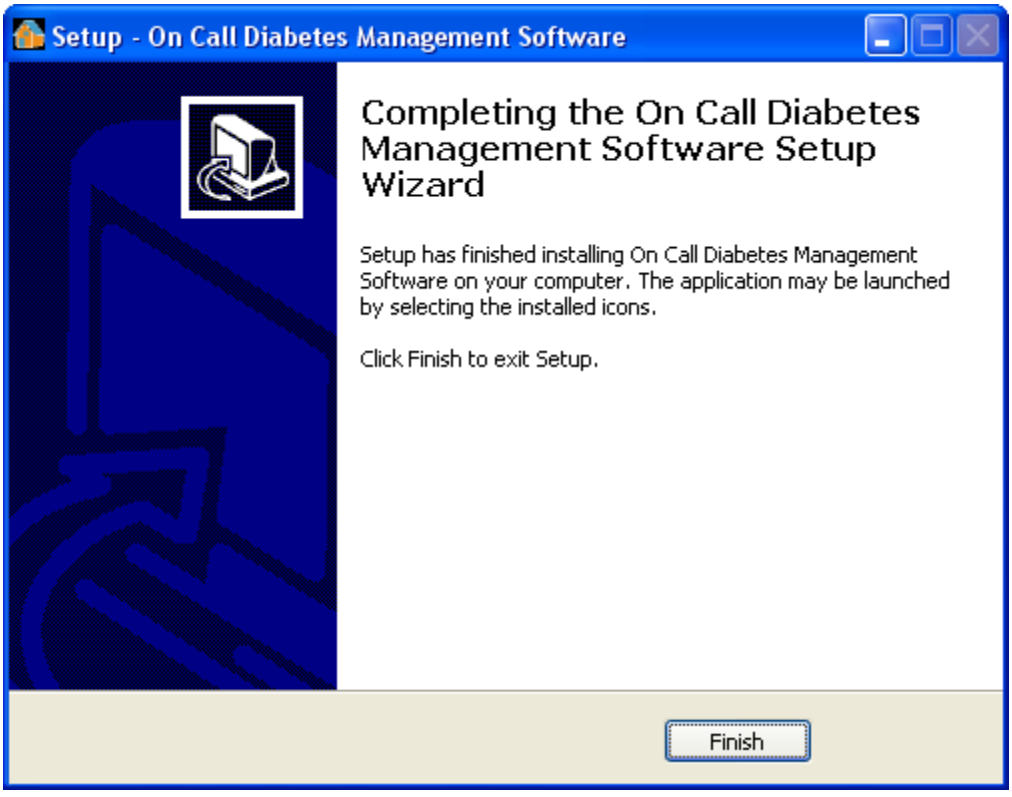
Note: During the installation process, please make sure your USB cable is disconnected. Do not connect it to your computer until the *On Call®* DMS installation completely finishes.


Setup - On Call Diabetes Management Software
Installing
Please wait while Setup installs On Call Diabetes Management Software on your computer.
Setup
Now installing USB2COM driver. Make sure your On Call USB cable is not connected to your computer. You may connect the USB cable and meter to your computer after installation is completed.
OK
Cancel

Click ***OK*** to continue installing.


Setup - On Call Diabetes Management Software
Installing
Please wait while Setup installs On Call Diabetes Management Software on your computer.
Cancel

When *On Call®* DMS installation is completed, the following screen will be displayed. Click ***Finish*** to exit Setup.


Setup - On Call Diabetes Management Software
Completing the On Call Diabetes Management Software Setup Wizard
Setup has finished installing On Call Diabetes Management Software on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
Finish

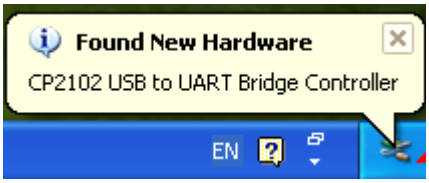
2.2 Installing the USB driver

Plug the USB Cable to the USB port of your computer and start to install the USB driver. The installation procedure of USB driver in different windows operating systems are not the same. In this guide, installations in Win XP, Win 7 and Win 8 are taken as samples.

2.2.1 Installing the USB driver

For Win XP users

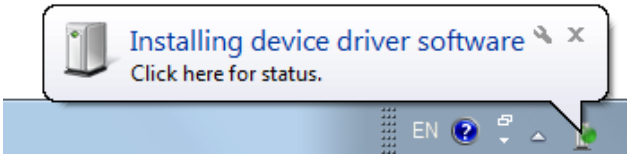
When you plug the USB cable into your computer, "Found New Hardware" will display on the bottom right corner of your computer as follows.



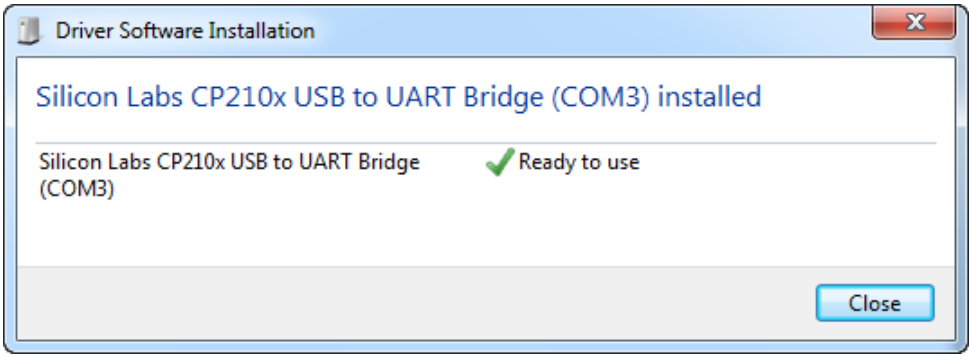
And then a COM port will be assigned by your windows system automatically as below.

For Win 7 users

When you plug the USB cable into your computer, the USB driver will be installed automatically. The process will display on the bottom right corner of your computer as follows.

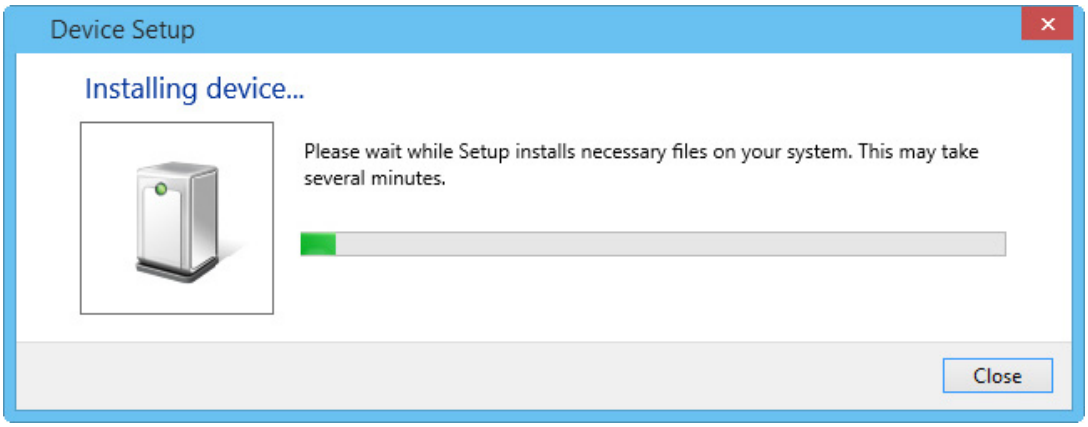


Click the icon. The pop-up window shown below will indicate that USB driver has been installed successfully and the program is now ready to use.


Driver Software Installation
Silicon Labs CP210x USB to UART Bridge (COM3) installed
Silicon Labs CP210x USB to UART Bridge (COM3)
Ready to use
Close

For Win 8 users

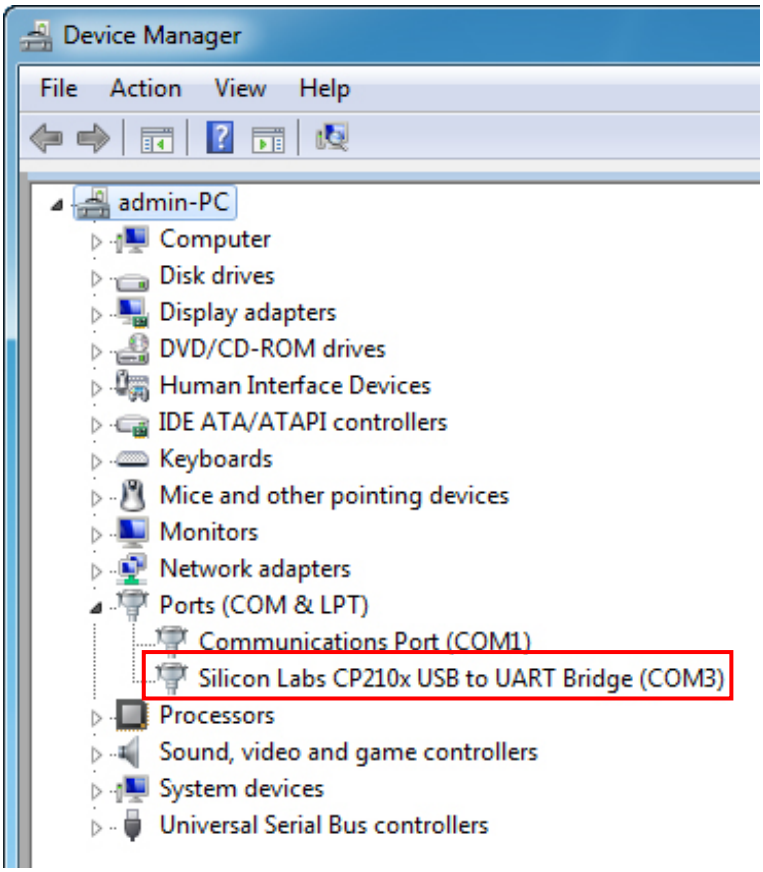
When you plug the USB cable into your computer, the USB driver will be installed automatically. If it is your first time to install the USB driver of our *On Call®* DMS, the Device Setup window will pop up as below. Click ***Close*** after the installation is completed.


Device Setup
Installing device...
Please wait while Setup installs necessary files on your system. This may take several minutes.
Close

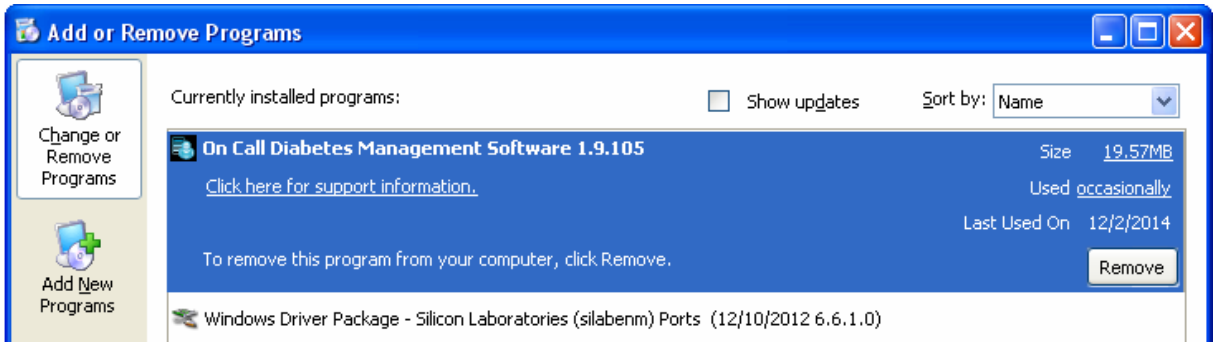
Go to check the **Device Manager** and **Control Panel** directly to see if the USB driver has been installed successfully

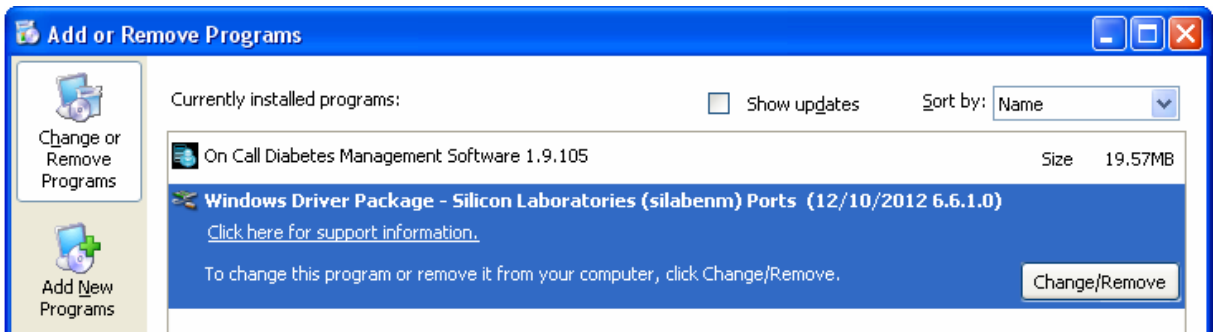
2.2.2 Checking the Device Manager and Control Panel

Check the **Device Manager** of your computer. If you install the USB driver successfully, the USB program will appear in the device list as below.



Check the **Control Panel** of your computer. If you install the software and USB driver successfully, the *On Call®* DMS and USB program will appear in **Add or Remove Programs** of the **Control Panel** as follows.

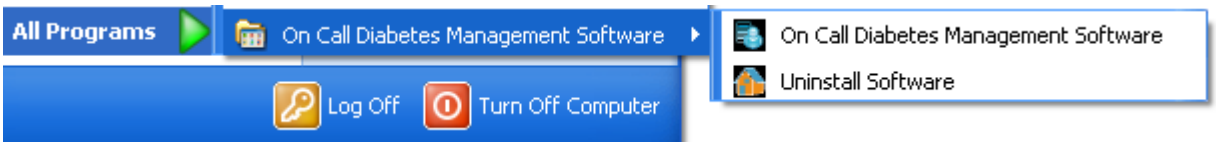



Add or Remove Programs
Change or Remove Programs
Add New Programs
Currently installed programs:
Show updates
Sort by:
Name
On Call Diabetes Management Software 1.9.105
Size 19.57MB
Windows Driver Package - Silicon Laboratories (silabenm) Ports (12/10/2012 6.6.1.0)
Click here for support information.
To change this program or remove it from your computer, click Change/Remove.
Change/Remove

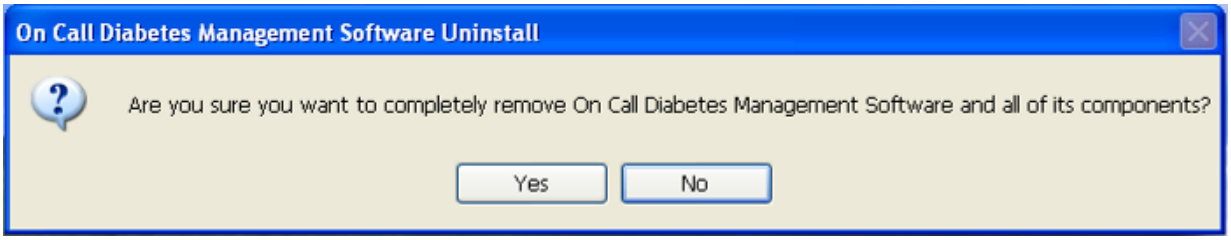
Installation is now completed.

3. Uninstall Instructions

Go to the **Start** menu located on the bottom left corner of your computer. Select **All Programs** then **On Call Diabetes Management Software**. Click on **Uninstall Software**.

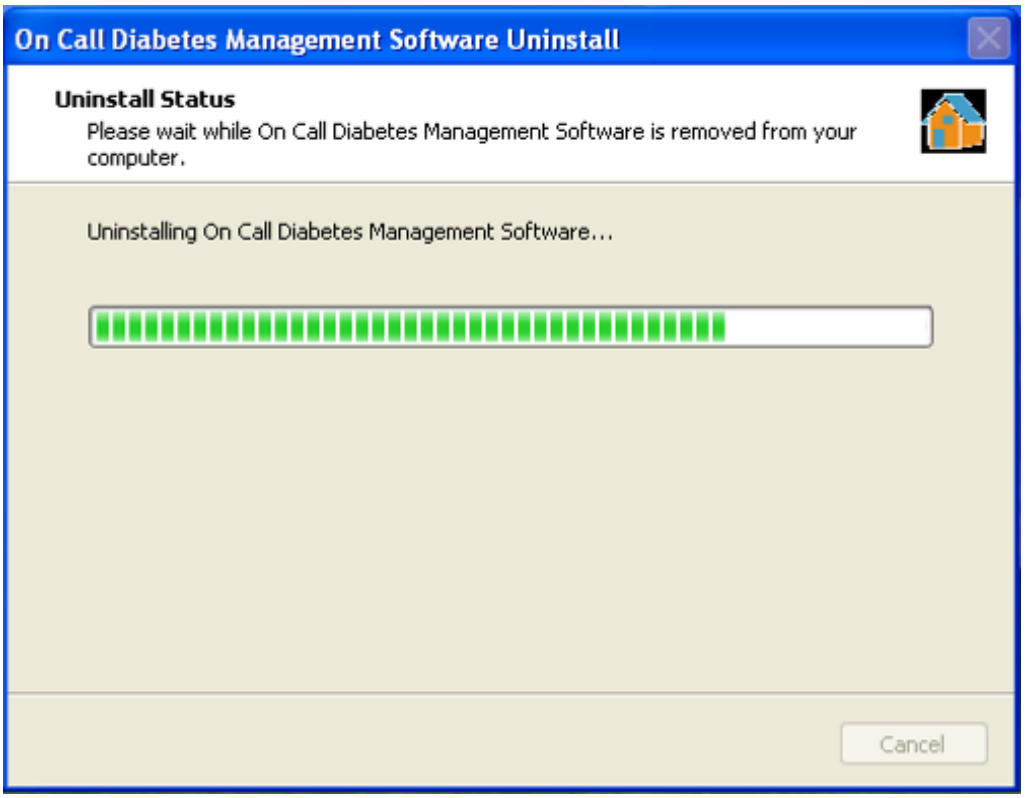


A message will pop up to confirm uninstalling the program as follows.

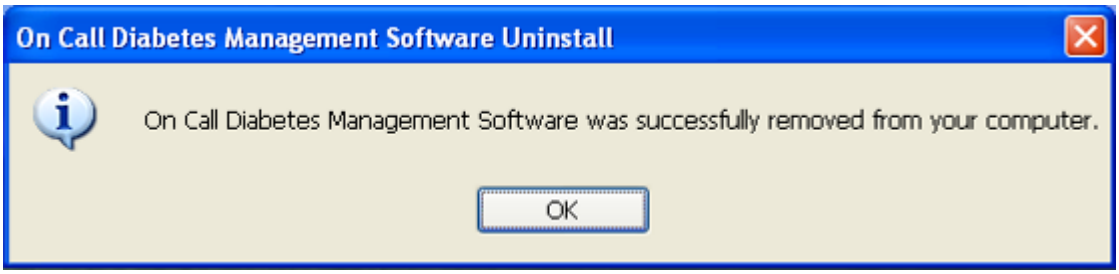

On Call Diabetes Management Software Uninstall
Are you sure you want to completely remove On Call Diabetes Management Software and all of its components?
Yes
No

Click ***Yes*** to completely remove the *On Call®* DMS and all of its components.

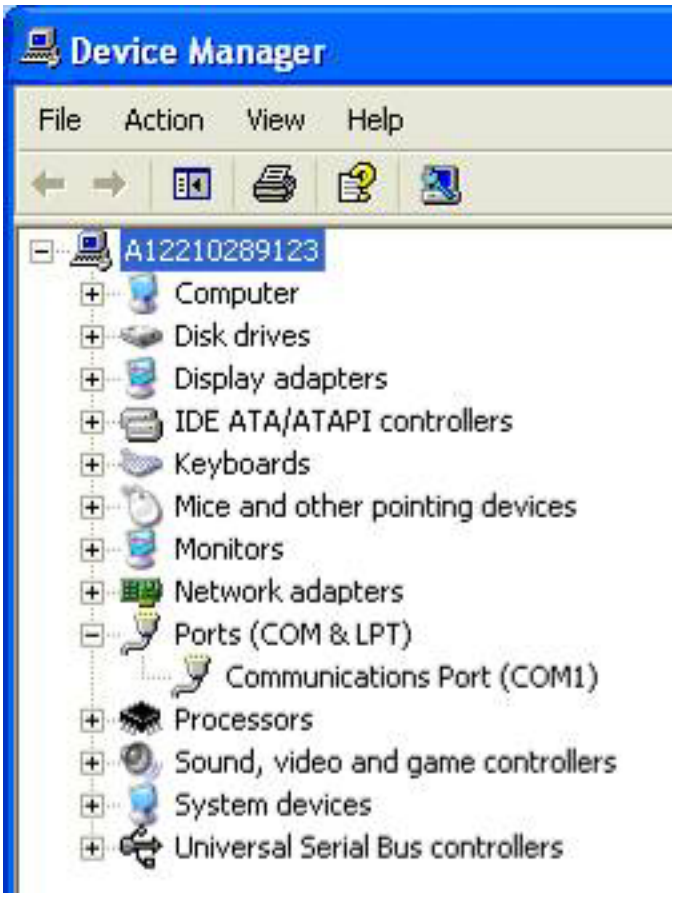
The following screen will display the progress of the uninstall.


On Call Diabetes Management Software Uninstall
Uninstall Status
Please wait while On Call Diabetes Management Software is removed from your computer.
Uninstalling On Call Diabetes Management Software...
Cancel

Click ***OK*** to complete the uninstall process.


On Call Diabetes Management Software Uninstall
On Call Diabetes Management Software was successfully removed from your computer.
OK

After you uninstall the *On Call®* DMS successfully, the USB driver can be completely removed together.



4. Professional Edition

4.1 Starting the *On Call®* Diabetes Management Software

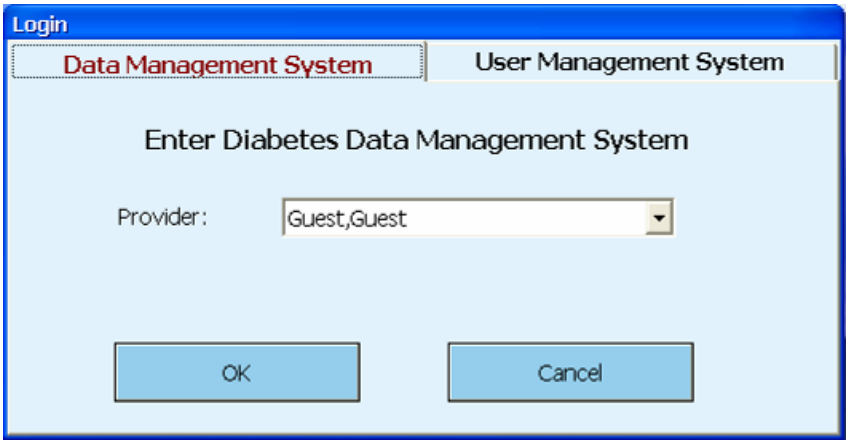
Once the Professional Edition of the *On Call®* DMS has been installed, the **On Call DMS Professional** icon

will appear on the desktop of your computer.

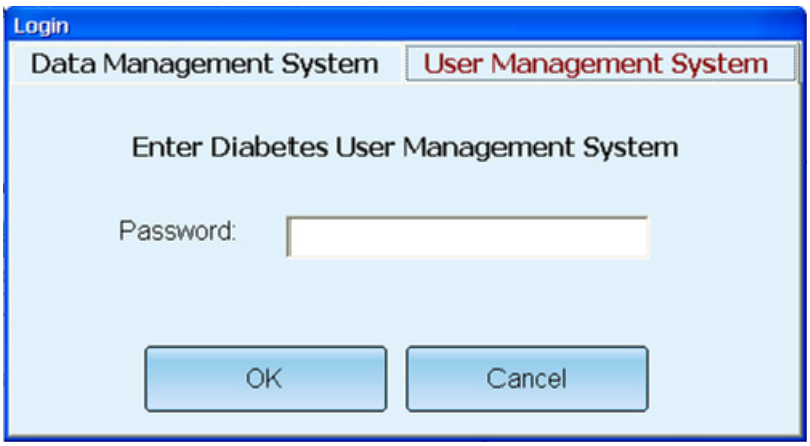
Double click the icon to start the application, a login window with **Data Management System** and **User Management System** tabs will be displayed. The **Professional Edition** allows the provider information to be added, deleted or updated. The password of Provider and User Management System can also be changed.

Note: The login window with these two tabs will appear only in the **Professional Edition** and will never appear in the **Home Edition**.

If this is the first time to start the application, the **Data Management System** tab will be displayed at startup, with the default provider "Guest, Guest".

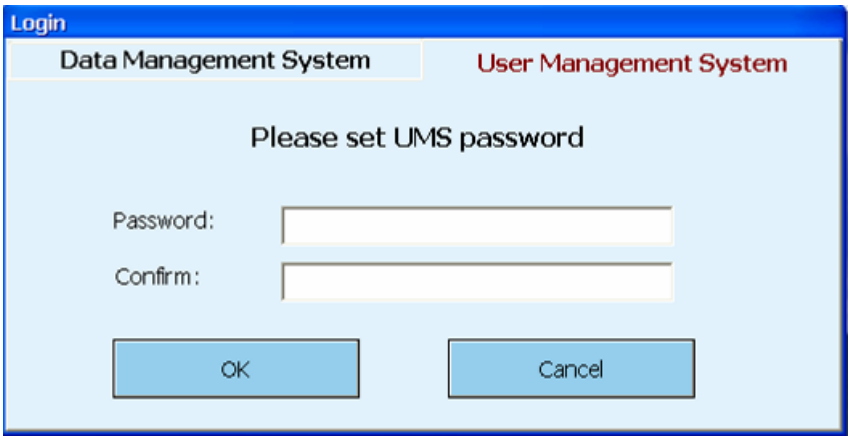


Click the **User Management System** tab, a dialog box asking for a password to **Enter Diabetes User Management System** will be displayed as below.



This password will be used to set up and manage providers and their passwords for entering **Data Management System**. Enter the password, and click ***OK*** to login in the **User Management System**.

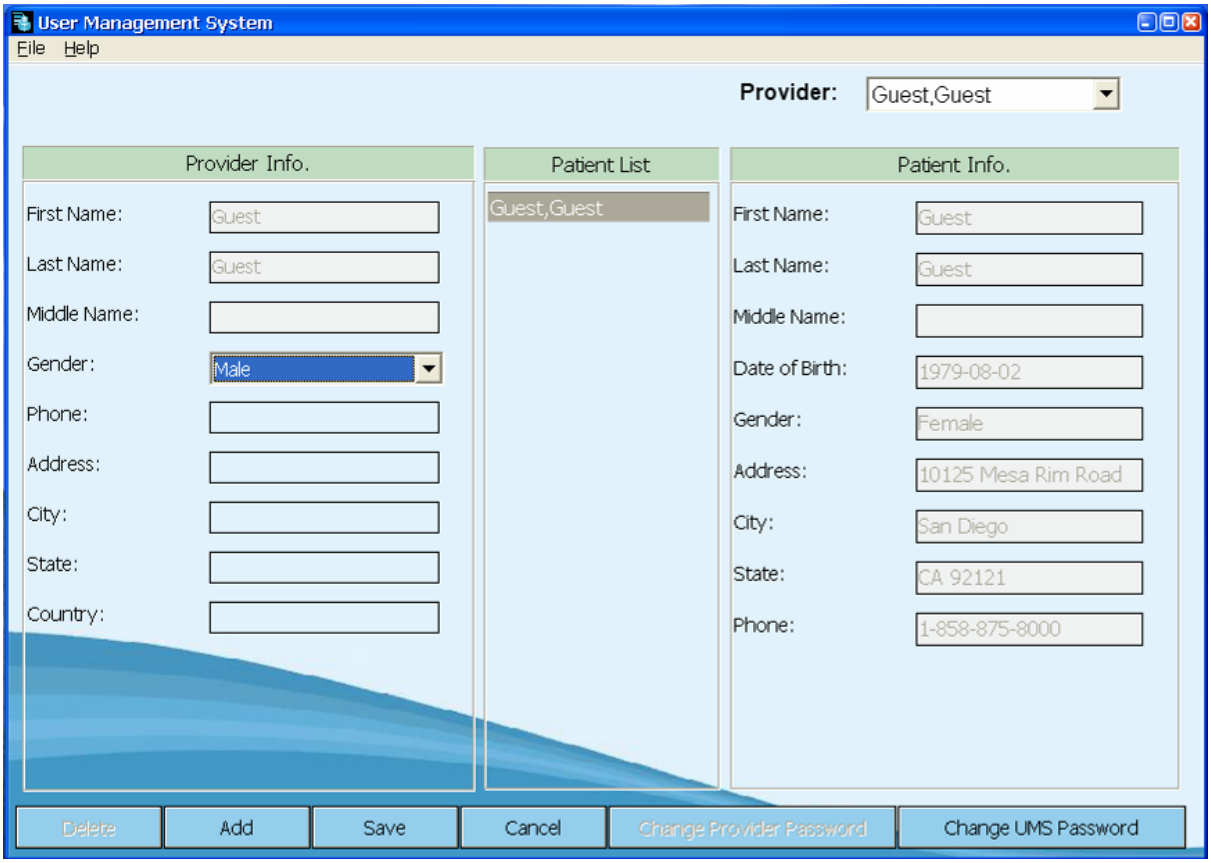
If this is the first time to start up the **User Management System** ("UMS" as the abbreviation), a dialog box of **Please set UMS password** will be shown as follows.



Set the password and confirm your password, then click ***OK*** to finish your setting and login in **User Management System**. Refer to **Changing the User Management System Password** section on page **21** for details on resetting UMS password.

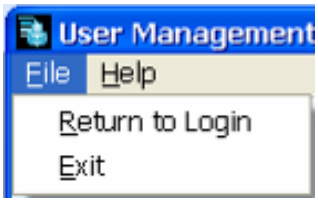
4.2 Administration (Professional Edition Only)

Select the **User Management System** tab and login in the initial UMS as displayed below.



The default **Provider** and **Patient** in the User Management System are "Guest, Guest". It is used to manage the providers and review all the patients' information's under each provider. The provider can be added, deleted and updated. The password of the Provider and UMS can also be changed.

Click **File** on the task bar, a drop down menu will be displayed as below.



Select **Return to login** to go back to login window. Select **Exit** to exit the application.

4.2.1 Adding a New Provider

To add a new Provider, click ***Add***. The **Provider Info.** will be blank and the new provider information can be added. A password should be entered for the new provider in the **Password** field and again in the **Confirm Password** field.

Click ***Save*** to save the new provider's information. This provider will now be available in the **Provider** drop down list as **Provider "Last Name, First Name"**.

4.2.2 Deleting a Provider

Note: The default provider "Guest, Guest" can not be deleted.

Caution: Deleting a provider will remove all patient data associated with the provider from the database.

To delete a provider, select the provider to be deleted from the **Provider** drop down list. Click ***Delete***.

A warning message will pop up for your confirmation. Click ***OK*** to delete the provider.

The provider will be deleted and it will no longer be available on the **Provider** drop down list.

4.2.3 Updating Provider Information

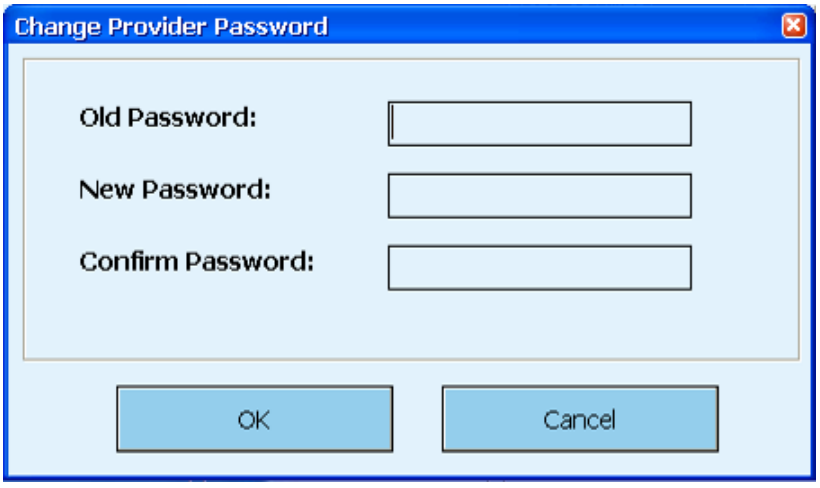
To edit data for an existing provider, select the desired provider from the **Provider** drop down list. Make the necessary updates in the **Provider Info** field. First Name, Last Name and Middle Name can not be changed.

Click ***Save*** to save the edited information, Click ***Cancel*** to cancel all the changes.

Note: Information of the default provider "Guest, Guest" also can be changed.

4.2.4 Changing the Provider Password

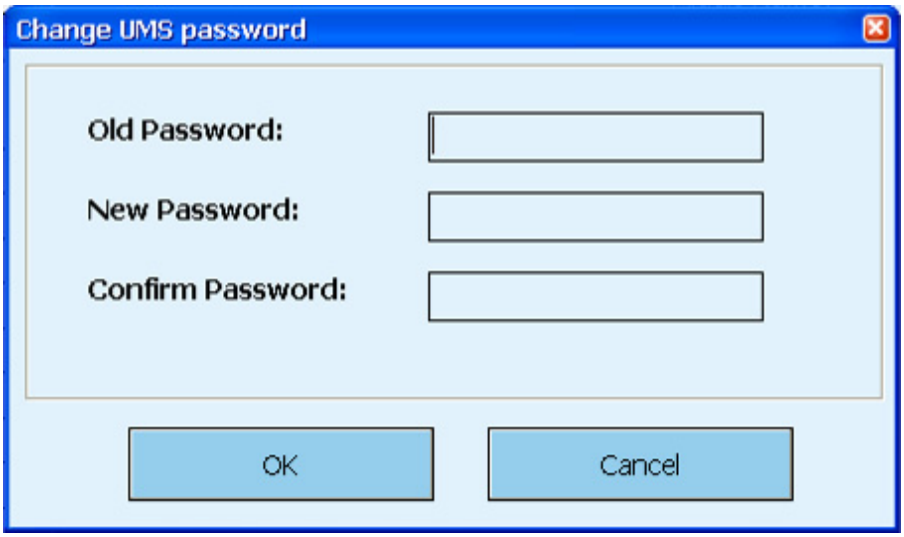
Click on ***Change Provider Password*** to show the **Change Provider Password** dialog box.



Enter the old provider password in the **Old Password** field. Enter the new provider password in the **New Password** field, and again in the **Confirm Password** field. Click ***OK*** to save the new provider password.

4.2.5 Changing the User Management System Password

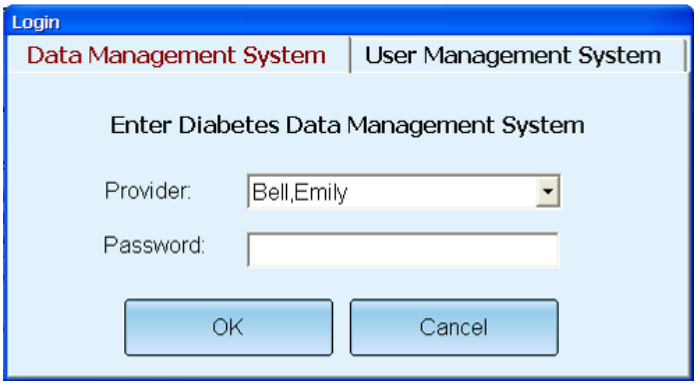
Click on ***Change UMS Password*** to show the **Change UMS Password** dialog box.



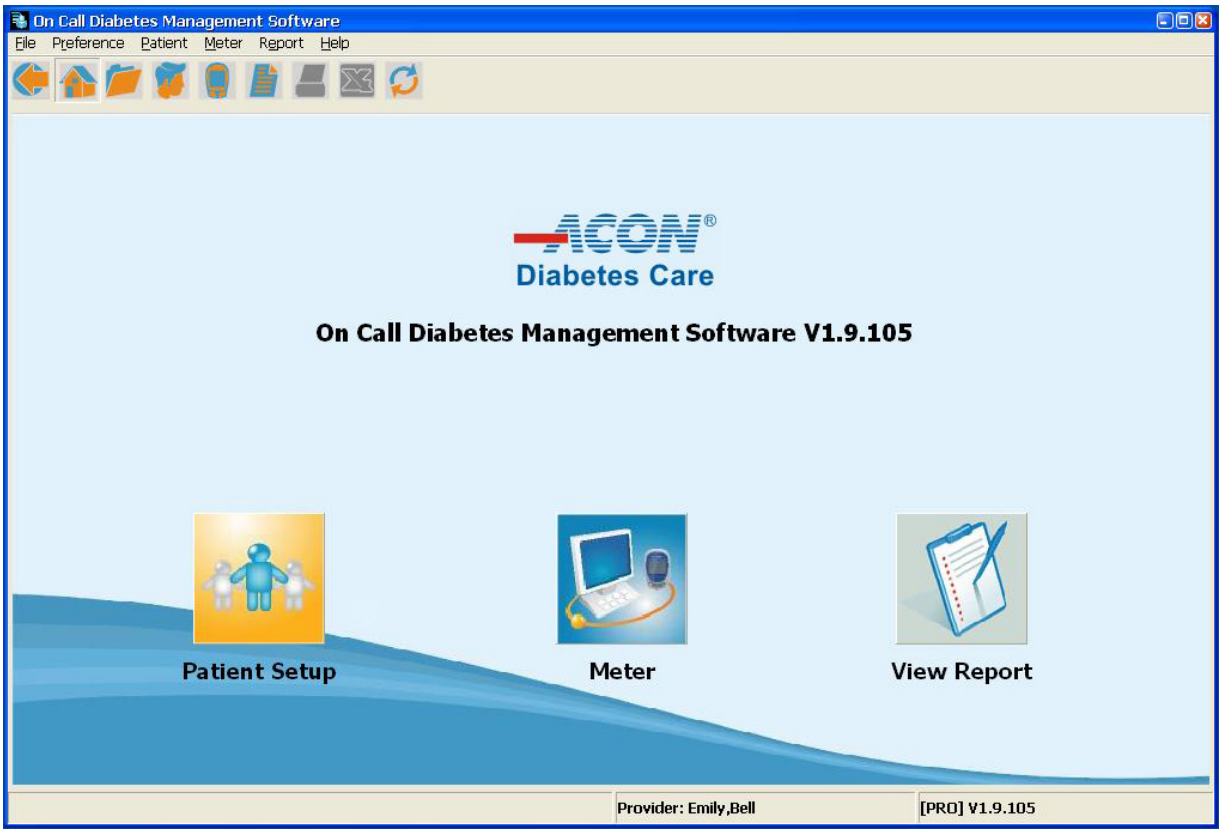
Enter the old UMS password in the **Old Password** field. Enter the new UMS password in the **New Password** field, and again in the **Confirm Password** field. Click ***OK*** to save the new UMS password.

4.3 The *On Call®* DMS Home Page

Start the OC DMS application and come to the login window. The **Data Management System** tab will appear at startup.

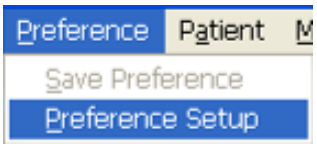


Select the provider from the **Provider** drop down list (the default Provider is "Guest, Guest" with no password), enter the **Password** and click ***OK***. The *On Call®* DMS Home Page will be displayed as below. There are three main functions on the home page: Patient Setup, Meter (Transferring Meter Readings) and View Report.



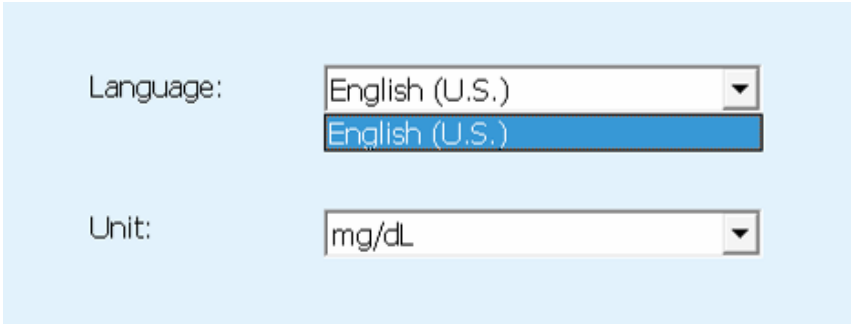
4.4 Preference Setup

Preference Setup sets the **Language** and measurement **Unit**. There are two ways to enter **Preference Setup:** Click in the toolbar, or select **Preference Setup** from the **Preference** drop down menu.



4.4.1 Setting Language

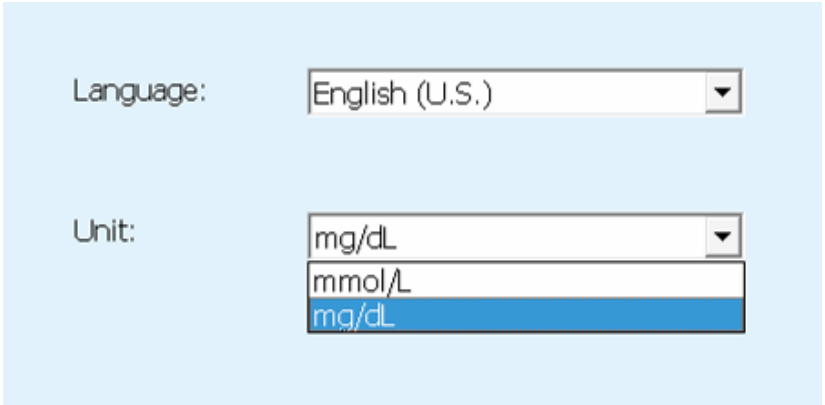
Select language from the **Language** drop down list.



Click ***Save*** to save any changed language. Click ***Cancel*** to go back to the previous preferences.

4.4.2 Setting Unit

Select the glucose measurement unit used for the glucose data from the **Unit** drop down list, either mmol/L or mg/dL.

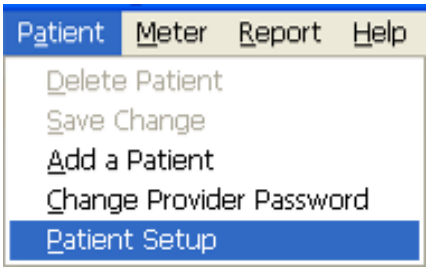


Click ***Save*** to save any changed units. Click ***Cancel*** to go back to the previous preferences.

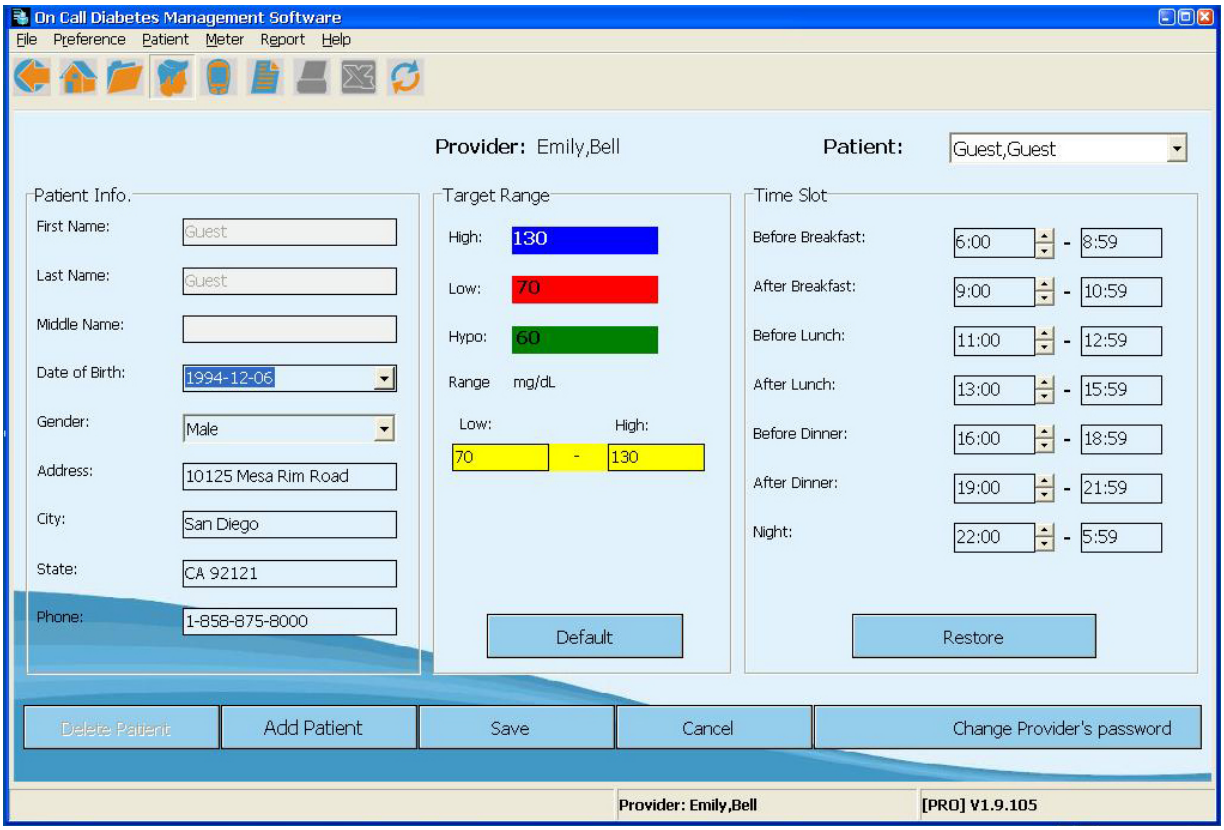
4.5 Patient Setup

Patient Setup allows you to create, change or delete patient information. You have three ways to enter **Patient Setup:** click

in the home page, click in the toolbar, or select **Patient Setup** from the **Patient** drop down menu.

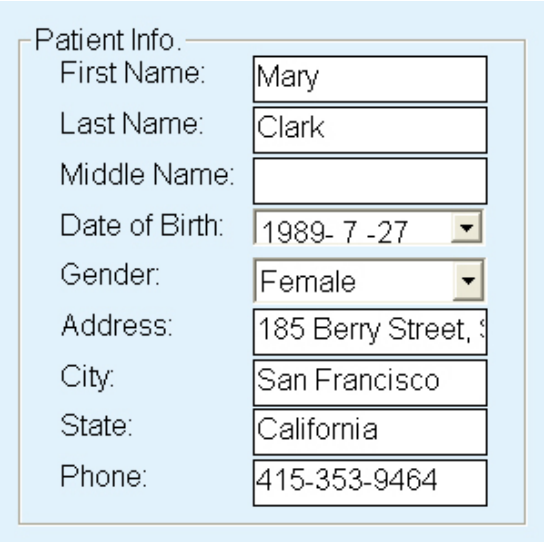


The **Patient Setup** window will be displayed as below. The default Patient is "Guest, Guest".



4.5.1 Patient Information

Click ***Add Patient*** in the Patient Setup window to add a new patient. Complete the **Patient Info.** by entering **First Name, Last Name** and other fields shown below. First Name and Last Name can not be empty.



Click ***Save*** to save the patient information and create the new patient successfully. Click ***Cancel*** to give up adding the new patient.

If you want to add another patient with profile data, click ***Add Patient*** again.

If you want to update the patient information, select the patient name from the **Patient** drop down list first.

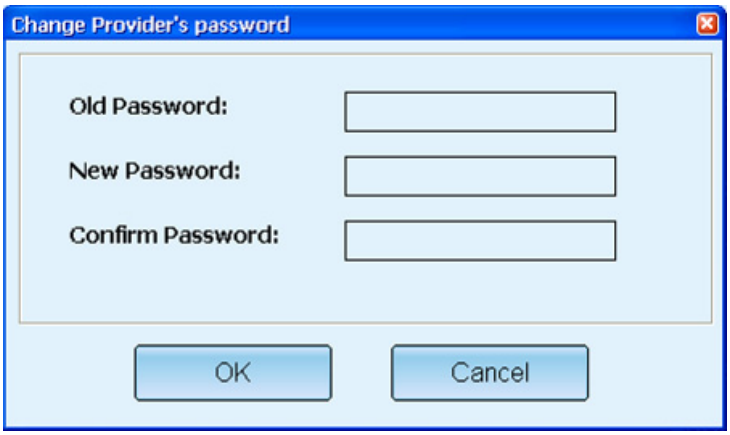
Once the patient is selected, the related information will be brought up. After editing the information, click ***Save*** to save the modifications.

To delete patient profile data, select the patient name from the **Patient** drop down list.

Click ***Delete Patient*** to delete the patient's data from database.

Click ***Cancel*** to keep the previous patient settings.

Click ***Change Provider's Password*** to change provider's password.



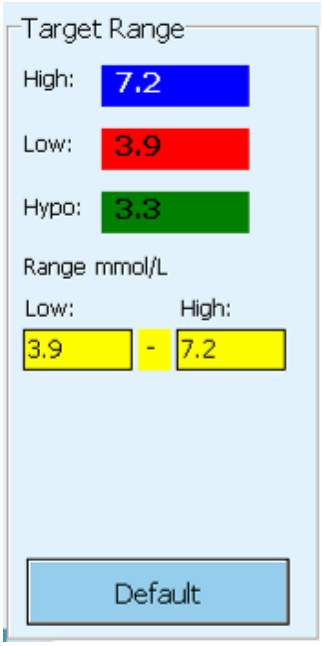
Enter the old password in the first field. Enter a new password in the second field, and confirm the new password by entering it again in the **Confirm Password** field. Click ***OK*** to save the change.

4.5.2 Target Range

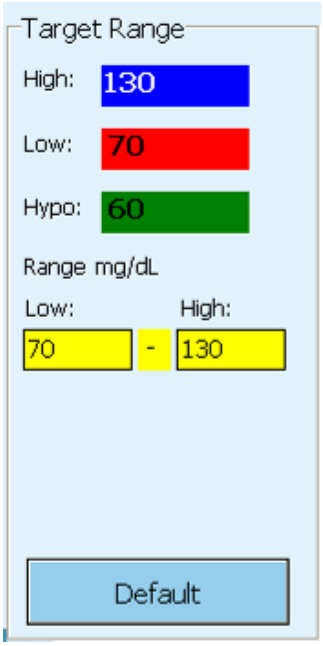
Values of three levels can be set in **Target Range**: High, Low and Hypo. The default normal range is between 70 to130 mg/dL (3.9-7.2 mmol/L). The target ranges are color coded and reflected in the summary and report pages.

Note: These target values are only examples, and if used, may have a serious impact on your health. Consult your healthcare provider for target values that are appropriate for your condition.

In mmol/L

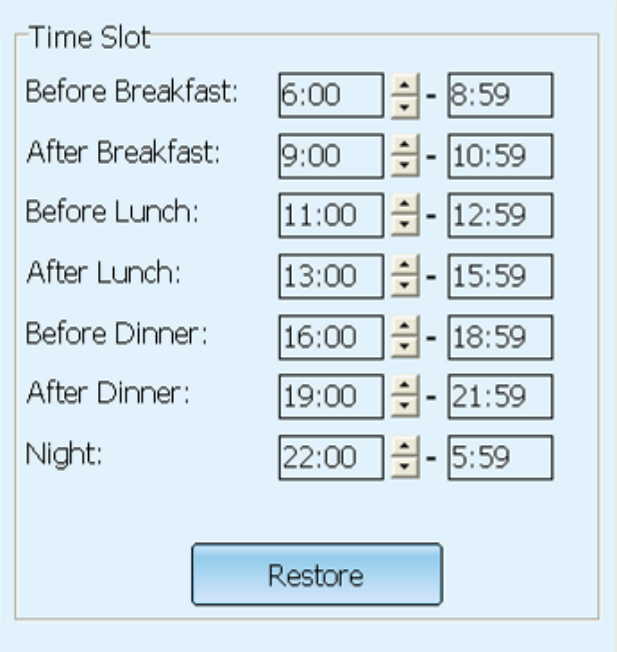


In mg/dL



4.5.3 Time Slot

On Call® DMS uses meal slots to organize data for reports. The window below shows the start and end times for 7 meal slots: **Before Breakfast, After Breakfast, Before Lunch, After Lunch, Before Dinner, After Dinner** and **Night**.


Time Slot
Before Breakfast: 6:00 - 8:59
After Breakfast: 9:00 - 10:59
Before Lunch: 11:00 - 12:59
After Lunch: 13:00 - 15:59
Before Dinner: 16:00 - 18:59
After Dinner: 19:00 - 21:59
Night: 22:00 - 5:59
Restore

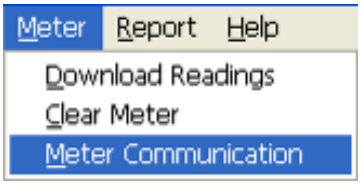
Set the proper time slot by clicking the **up** and **down** button. Click ***Restore*** button to go back to the default setting.

Click ***Save*** to save any changes that have been made in the Patient Setup. Click ***Cancel*** to keep the previous time slot.

4.6 Transferring Meter Readings

Transferring Meter Readings transfers data from a connected meter to the software database and completely clears all the readings from the connected meter. There are three ways to get to **Transferring Meter Readings:** click

in the home page, click in the toolbar, or select **Meter Communication** from the **Meter** drop down menu.



4.6.1 Connecting a Meter to PC

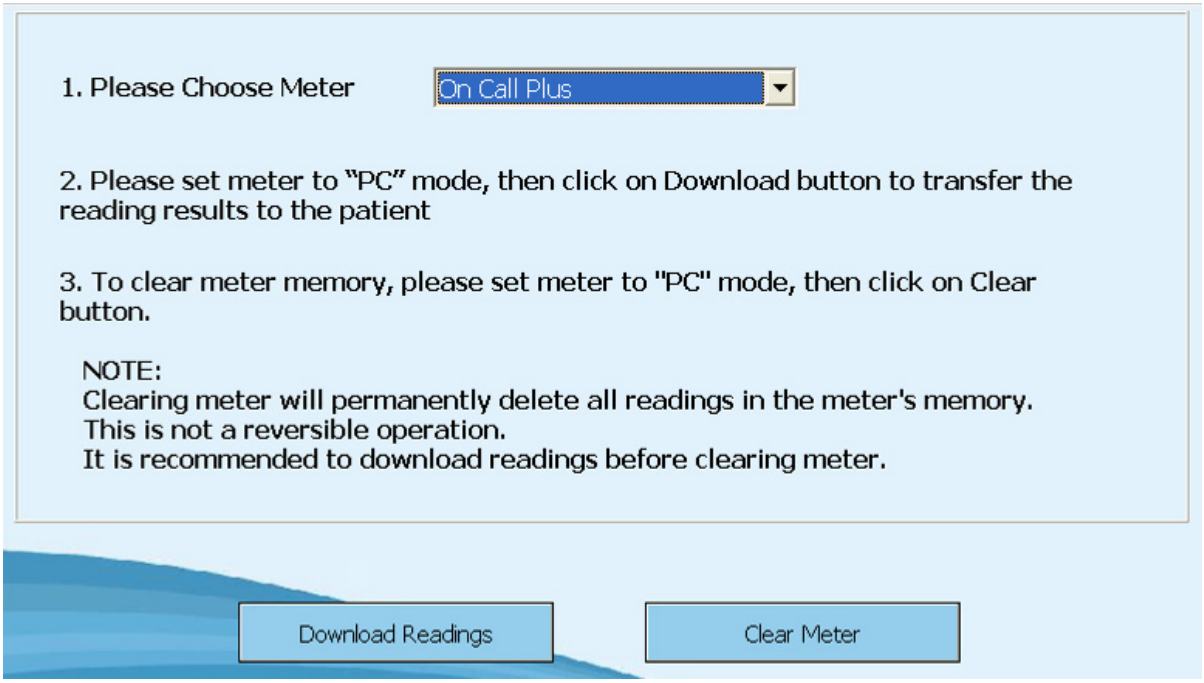
Enter PC mode of the meter referring to the user's manual of the meter. "**PC**" will appear on the display. Plug the USB Cable to the USB port on your computer.

Plug the audio jack into the meter.

4.6.2 Downloading Meter Readings

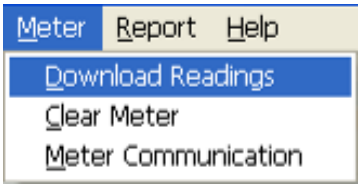
Before downloading meter readings from a glucose meter to PC, you must establish communication between the PC and the meter.

The following screen will display **Downloading Meter Reading**.


1. Please Choose Meter
On Call Plus
2. Please set meter to "PC" mode, then click on Download button to transfer the reading results to the patient
3. To clear meter memory, please set meter to "PC" mode, then click on Clear button.
NOTE:
Clearing meter will permanently delete all readings in the meter's memory.
This is not a reversible operation.
It is recommended to download readings before clearing meter.
Download Readings
Clear Meter

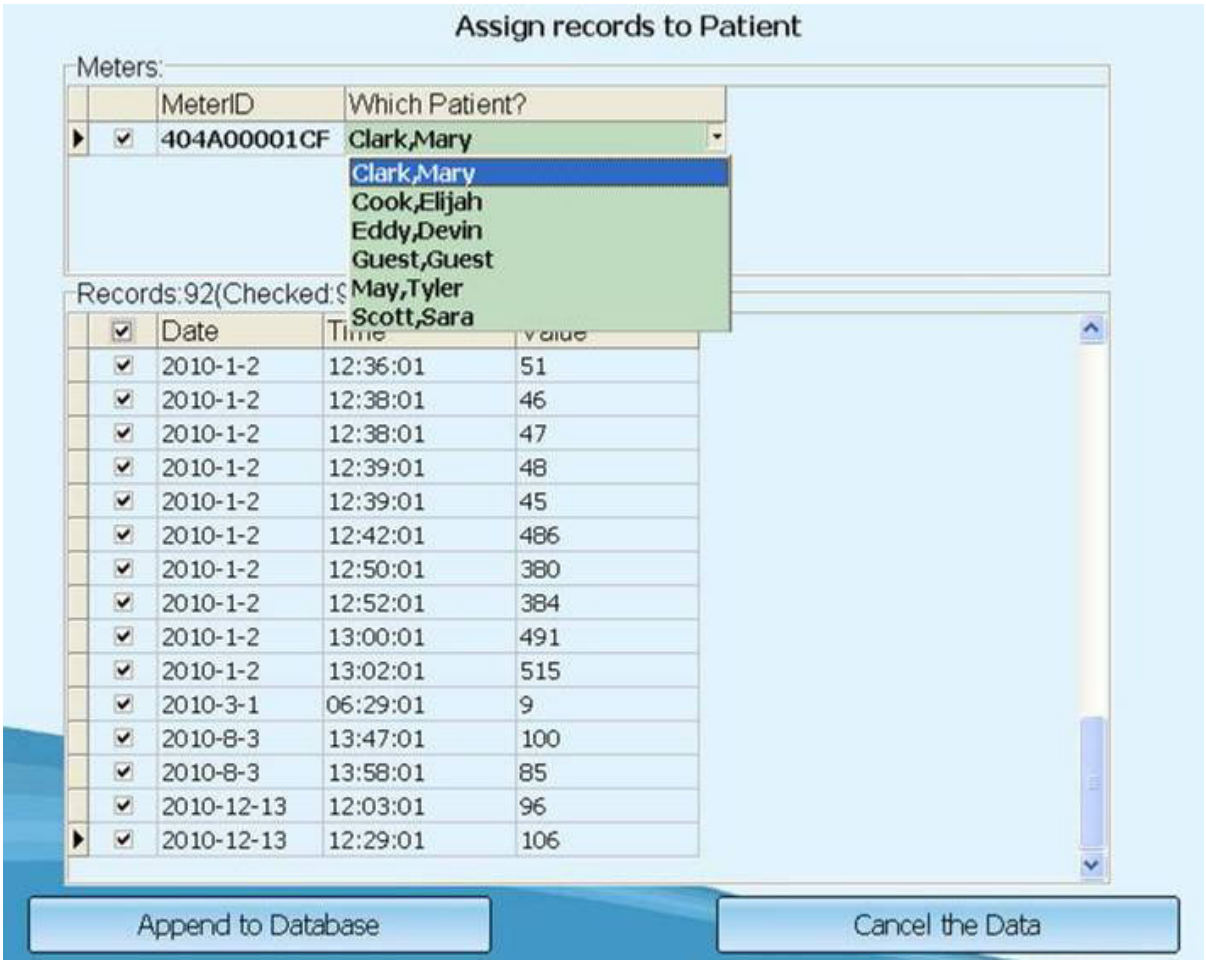
Select the meter type from the **Choose Meter** drop down list.

Once the meter is connected to PC, in its **"PC"** mode, click ***Download Readings*** button in the **Transfer Meter Reading** screen, or select **Download Readings** from the **Meter** drop down menu.



The following screen will pop up to show that data is downloaded successfully.

Click ***Ok*** and records of the meter will be listed as shown below.



Select the patient name from the **Which Patient?** drop down list.

Click **Append to Database** to transfer all the new data into the database of the software.

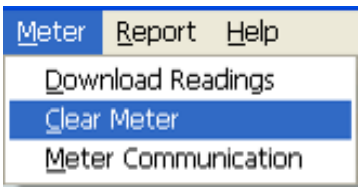
If you click **Cancel the Data**, the data will not be transferred to the database.

4.6.3 Clearing Meter Readings

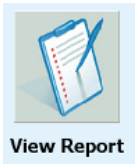
Extreme Cautions:

- Clearing meter will permanently delete all readings in the meter's memory.
- This is not a reversible operation.
- It is recommended to download readings before clearing meter.

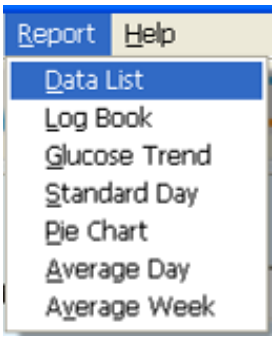
Once the meter is connected to the PC, in its **"PC"** mode, click ***Clear Meter*** in the **Transfer Meter Reading** screen, or select **Clear Meter** from the **Meter** drop down menu.



4.7 Viewing Reports

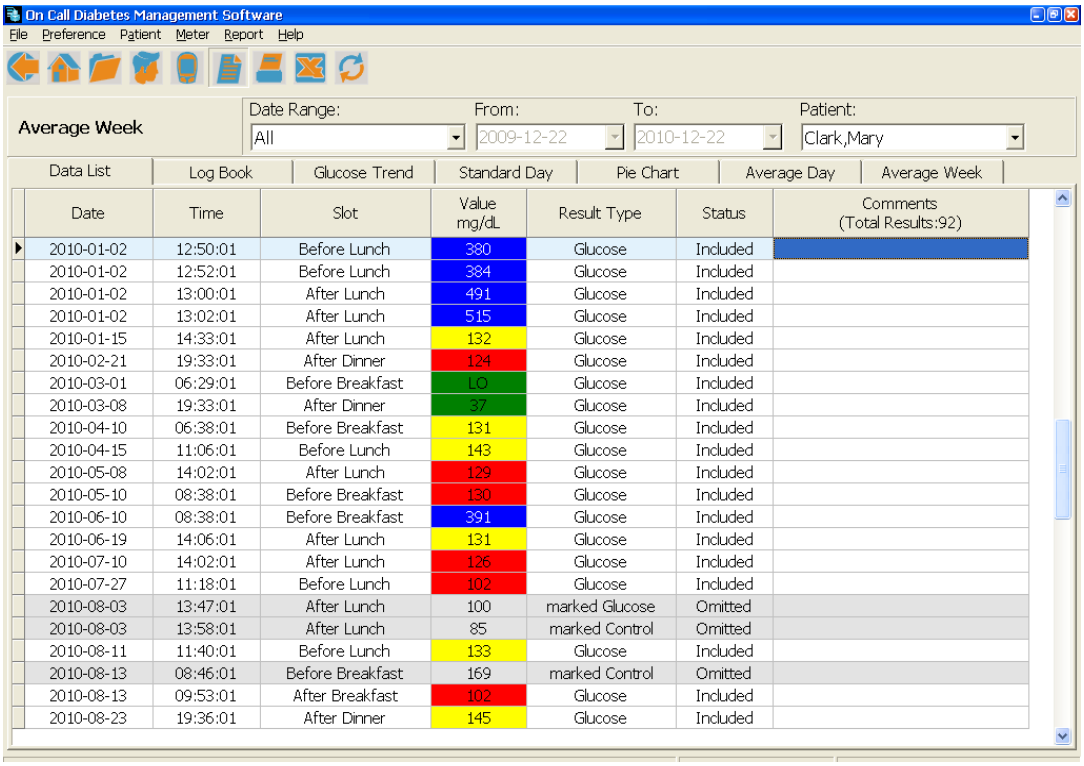
Seven reports are available in the software, including **Data List, Log Book, Glucose Trend, Standard Day, Pie Chart, Average Day** and **Average Week**. There are three ways to view the reports: click 

in the home page, click in the toolbar, or select your desired report from the **Report** drop down menu.



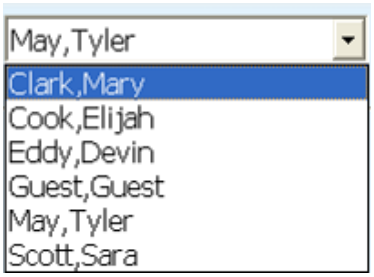
4.7.1 Data List Report

Data List is a list of all glucose data that has been downloaded for a selected patient and date range. To generate a **Data List Report**, select the **Data List** tab. The report will be generated based on the previous settings.

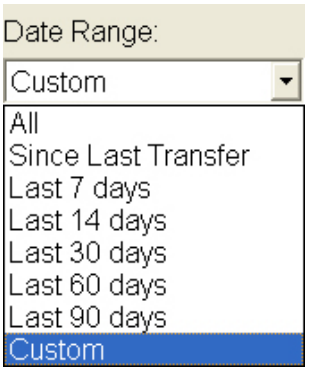


Date	Time	Slot	Value mg/dL	Result Type	Status	Comments (Total Results:92)
2010-01-02	12:50:01	Before Lunch	380	Glucose	Included	
2010-01-02	12:52:01	Before Lunch	384	Glucose	Included	
2010-01-02	13:00:01	After Lunch	491	Glucose	Included	
2010-01-02	13:02:01	After Lunch	515	Glucose	Included	
2010-01-15	14:33:01	After Lunch	132	Glucose	Included	
2010-02-21	19:33:01	After Dinner	124	Glucose	Included	
2010-03-01	06:29:01	Before Breakfast	LO	Glucose	Included	
2010-03-08	19:33:01	After Dinner	37	Glucose	Included	
2010-04-10	06:38:01	Before Breakfast	131	Glucose	Included	
2010-04-15	11:06:01	Before Lunch	143	Glucose	Included	
2010-05-08	14:02:01	After Lunch	129	Glucose	Included	
2010-05-10	08:38:01	Before Breakfast	130	Glucose	Included	
2010-06-10	08:38:01	Before Breakfast	391	Glucose	Included	
2010-06-19	14:06:01	After Lunch	131	Glucose	Included	
2010-07-10	14:02:01	After Lunch	126	Glucose	Included	
2010-07-27	11:18:01	Before Lunch	102	Glucose	Included	
2010-08-03	13:47:01	After Lunch	100	marked Glucose	Omitted	
2010-08-03	13:58:01	After Lunch	85	marked Control	Omitted	
2010-08-11	11:40:01	Before Lunch	133	Glucose	Included	
2010-08-13	08:46:01	Before Breakfast	169	marked Control	Omitted	
2010-08-13	09:53:01	After Breakfast	102	Glucose	Included	
2010-08-23	19:36:01	After Dinner	145	Glucose	Included	

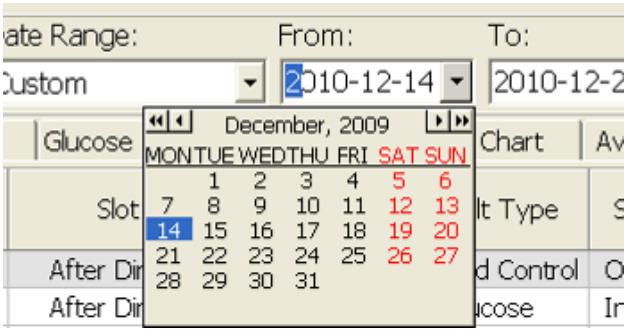
Note: For **Professional Edition** only, select the desired patient from the **Patient** drop down list first.



Select a predefined date range from the **Date Range** drop down list.



A custom date range can be entered in the **From** and **To** date fields.



The values are color coded based on the target range set previously.

Blue values are above High level.

Red values are below Low level.

Green values are hypoglycemic readings.

Yellow values are the values within target.

Gray values are invalid or control readings.

Note: Consult your healthcare provider for target values that are appropriate for your condition to prevent serious health risk.

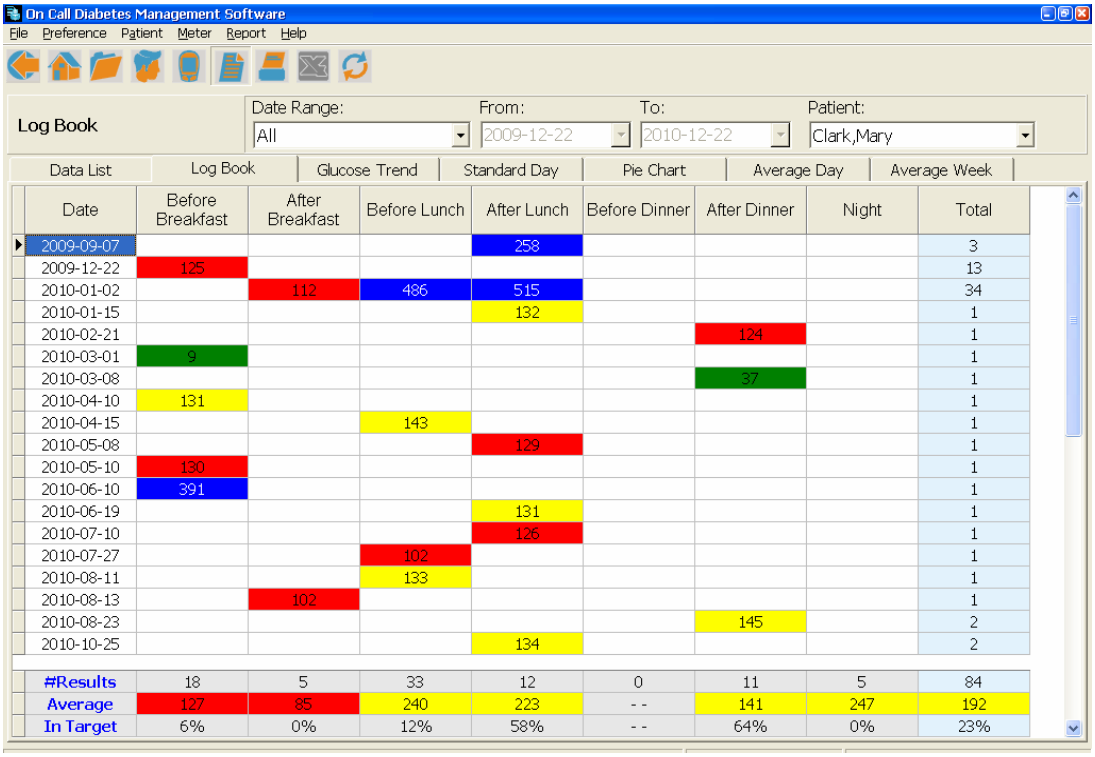
The **Data List Report** can be exported to Microsoft Excel. To export this list into an Excel spreadsheet, click on in the toolbar.

An **Export to Excel File** dialog box will pop up. Select the folder where you want to save the exported Excel file, enter a filename and click ***Save***.

4.7.2 Logbook Report

The **Logbook** displays a table of the glucose data based on the selected patient, time slot and date range. To generate the **Logbook Report**, select the **Logbook** tab.

The report will be generated based on the previous settings.


On Call Diabetes Management Software
File Preference Patient Meter Report Help
Log Book
Date Range: All
From: 2009-12-22
To: 2010-12-22
Patient: Clark,Mary
Data List | Log Book | Glucose Trend | Standard Day | Pie Chart | Average Day | Average Week

Date	Before Breakfast	After Breakfast	Before Lunch	After Lunch	Before Dinner	After Dinner	Night	Total
2009-09-07				258				3
2009-12-22	125							13
2010-01-02		112	486	515				34
2010-01-15				132				1
2010-02-21						124		1
2010-03-01	9							1
2010-03-08						37		1
2010-04-10	131							1
2010-04-15			143					1
2010-05-08				129				1
2010-05-10	130							1
2010-06-10	391							1
2010-06-19				131				1
2010-07-10				126				1
2010-07-27			102					1
2010-08-11			133					1
2010-08-13		102						1
2010-08-23						145		2
2010-10-25				134				2
#Results	18	5	33	12	0	11	5	84
Average	127	85	240	223	- -	141	247	192
In Target	6%	0%	12%	58%	- -	64%	0%	23%

Note: For **Professional Edition** only, select the desired patient from the **Patient** drop down list first.

To change the report settings, select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

The average of all data in the selected time slot is listed in data fields at the bottom of the report. The values are color coded based on the target range set previously.

Blue values are above High level.

Red values are below Low level.

Green values are hypoglycemic readings.

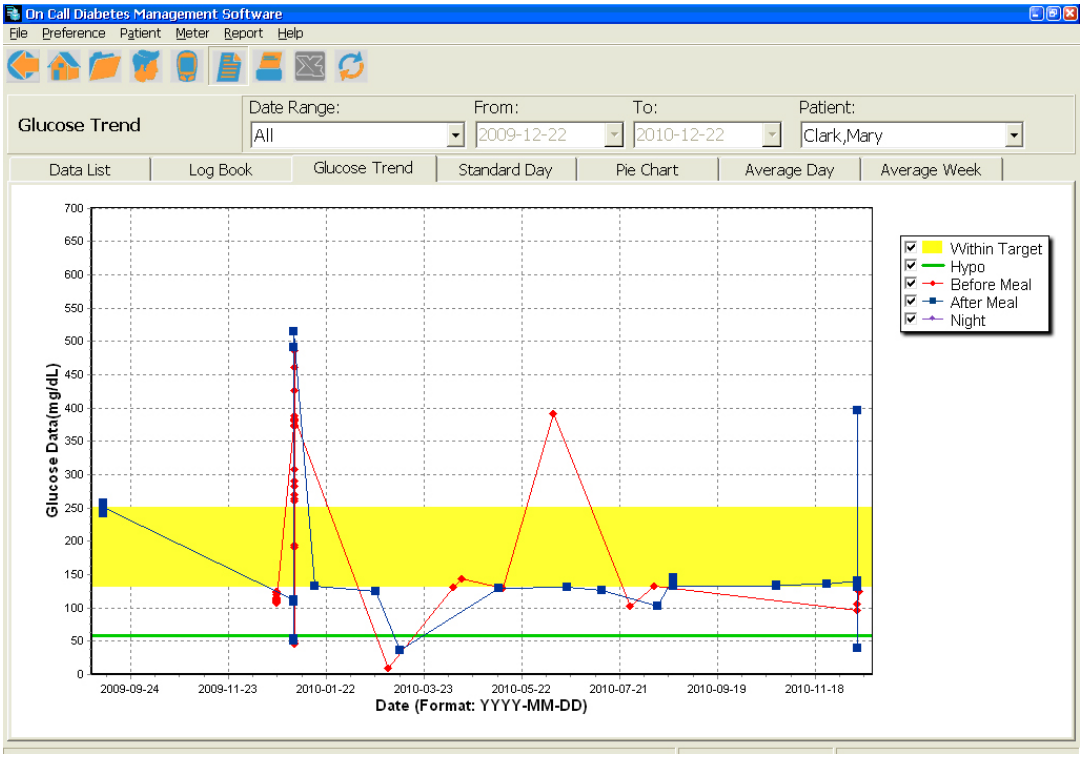
Yellow values are the values within target.

Note: Consult your healthcare provider for target values that are appropriate for your condition to prevent serious health risk.

4.7.3 Glucose Trend Report

The **Glucose Trend** displays a trend line graph of glucose data for a selected patient, time slot and date range.

To generate a **Glucose Trend Report**, select the **Glucose Trend** tab. The report will be generated based on the previous settings.



Note: For **Professional Edition** only, select the desired patient from the **Patient** drop down list first.

To change the report settings, select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

To display glucose trend only by Before Meal (or After Meal or Night), choose the option you want displayed in the area on the right side of the chart.

The target range and time slot are indicated with a color coded area and line.

Yellow area indicates within target.

Green line indicates Hypo level.

Red line is trend line for Before Meal.

Dark blue line is trend line for After Meal.

Purple line is trend line for Night.

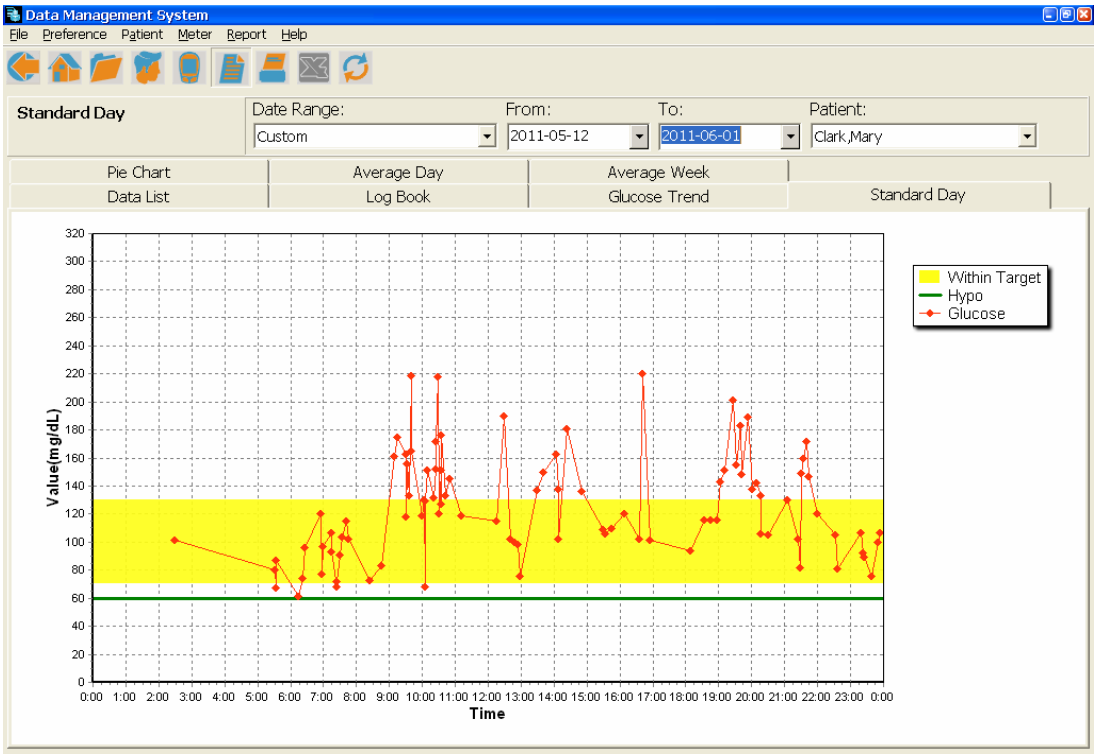
Note: Consult your healthcare provider for target values that are appropriate for your condition to prevent serious health risk.

4.7.4 Standard Day Report

The **Standard Day** displays a scatter graph of the glucose readings in 24 hours time. The **Standard Day Report** will be generated based on the selected patient and date range.

To generate a **Standard Day Report**, select the **Standard Day** tab.

The report will be generated based on the previous settings.



Note: For **Professional Edition** only, select the desired patient from the **Patient** drop down list first.

To change the report settings, select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

The target range is indicated with a color coded area and line.

Yellow area indicates within target.

Green line indicates Hypo level.

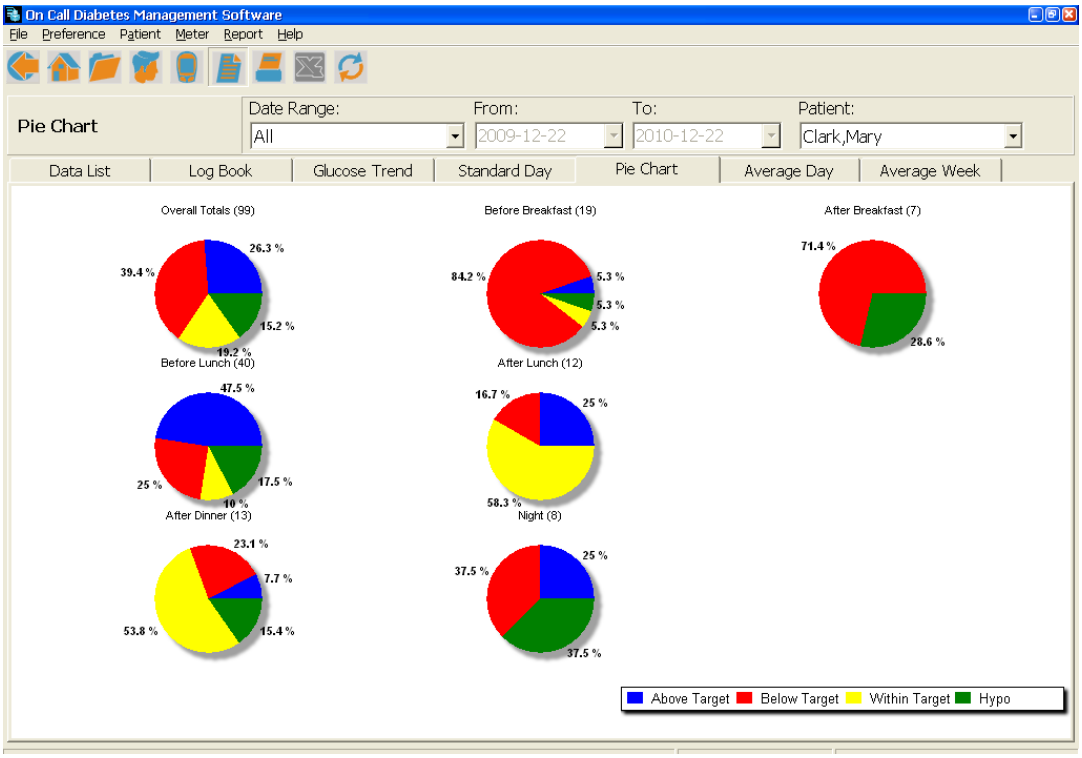
Red line indicates glucose concentration.

Note: Consult your healthcare provider for target values that are appropriate for your condition to prevent serious health risk.

4.7.5 Pie Chart Report

The **Pie Chart** displays the percentage of glucose readings for the selected patient, time slot and date range in a pie chart format.

To generate a **Pie Chart Report**, select the **Pie Charts** tab. The report will be generated based on the previous settings.



Note: For **Professional Edition** only, select the desired patient from the **Patient** drop down list first.

To change the report settings, select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

The pie charts are color coded based on the user-defined target range.

Blue values are above High level.

Red values are below Low level.

Green values are hypoglycemic readings.

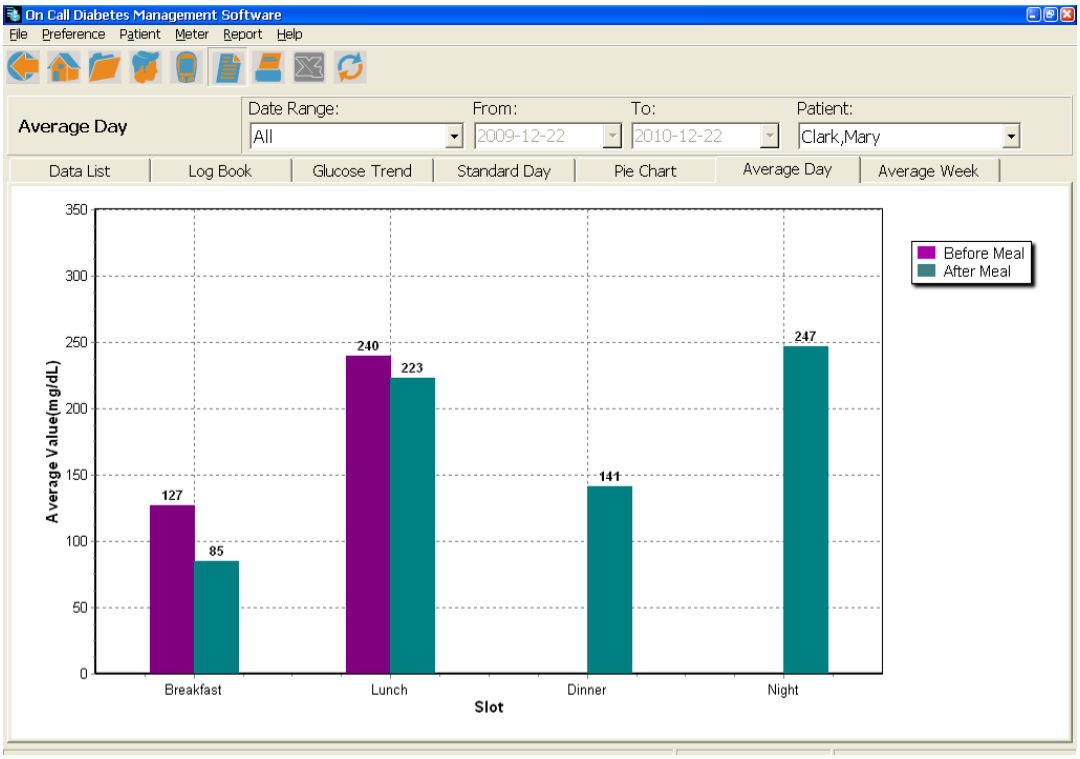
Yellow values are the values within target.

Note: Consult your healthcare provider for target values that are appropriate for your condition to prevent serious health risk.

4.7.6 Average Day Report

The **Average Day** displays a bar graph depicting the average glucose readings of Before Meal and After Meal for the selected patient, time slot and date range.

To generate an **Average Day Report**, select the **Average Day** tab. The report will be generated based on the previous settings.



Note: For **Professional Edition** only, select the desired patient from the **Patient** drop down list first.

To change the report settings select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

The values are color coded based on the time slot set previously.

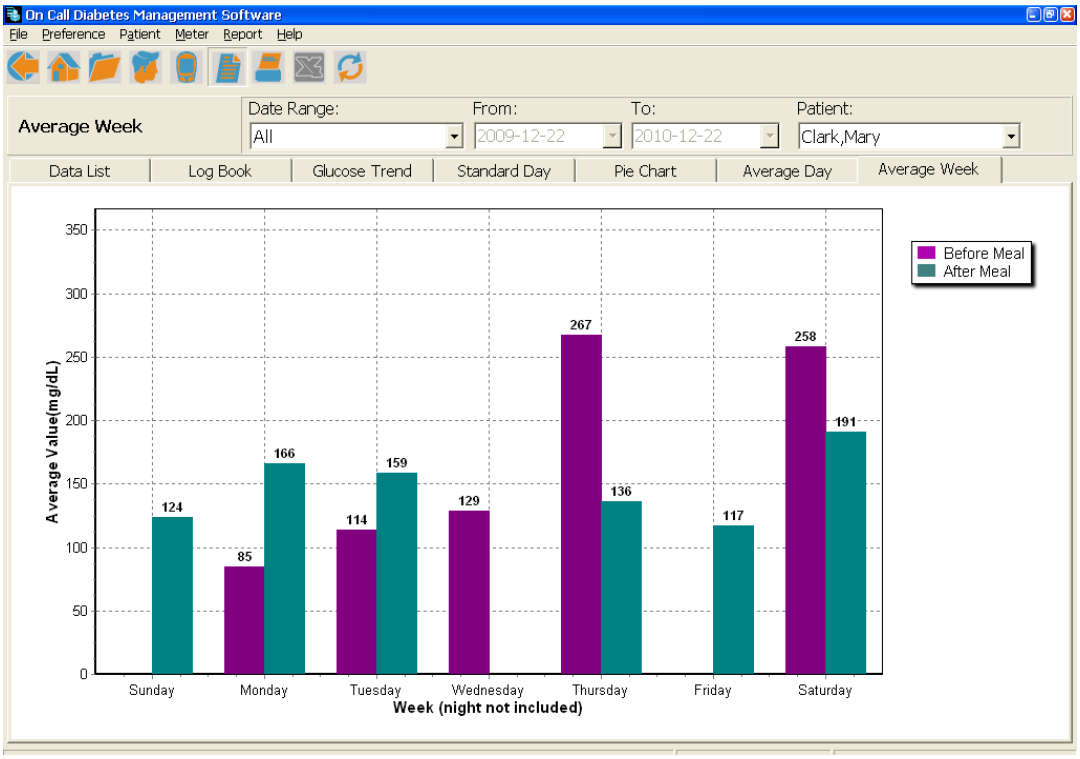
Dark Green bars indicate average value after meal.

Dark Purple bars indicate average value before meal.

4.7.7 Average Week Report

The **Average Week** displays a bar graph depicting the average glucose readings of Before Meal and After Meal 7 days a week for the selected patient, time slot and date range.

To generate an **Average Week Report**, select the **Average Week Report** tab. The report will be generated based on the previous settings.



Note: For **Professional Edition** only, select the desired patient from the **Patient** drop down list.

To change the report settings, select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

The values are color coded based on the time slot set previously.

Dark Green bars indicate average value after meal.

Dark Purple bars indicate average value before meal.

4.7.8 Printing Reports

Reports can be printed by clicking in the toolbar.

Note: For the **Professional Edition**, select the desired patient from the **Patient** drop down list to view and print the reports.

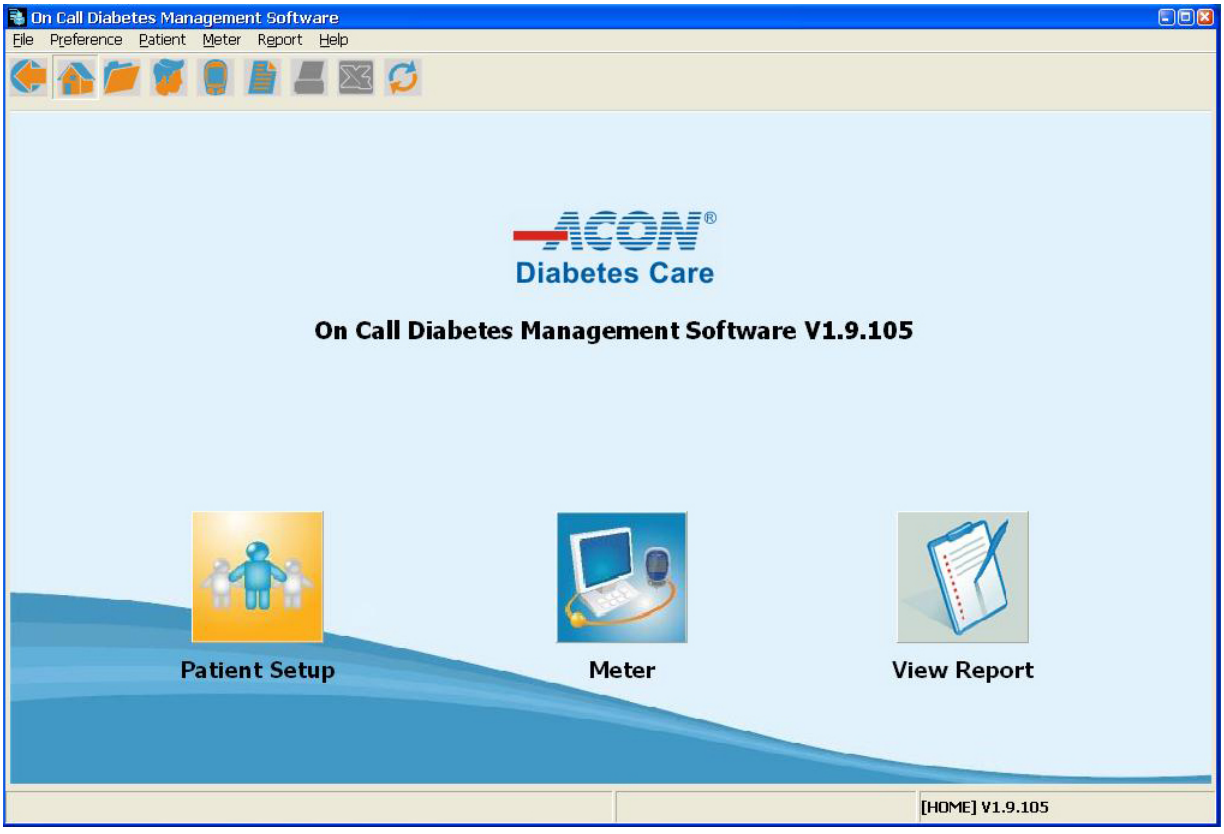
5. Home Edition

5.1 Starting the *On Call®* Diabetes Management Software

Once the Home Edition of the *On Call®* DMS has been installed, the **On Call DMS Home** icon

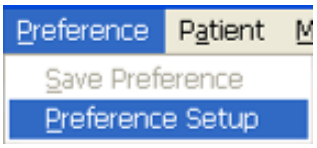
will appear on the desktop of your computer.

Double click the icon to start the application, and then the *On Call®* DMS Home Page will be displayed as below. There are three main functions on the home page: Patient Setup, Meter (Transferring Meter Readings) and View Report.



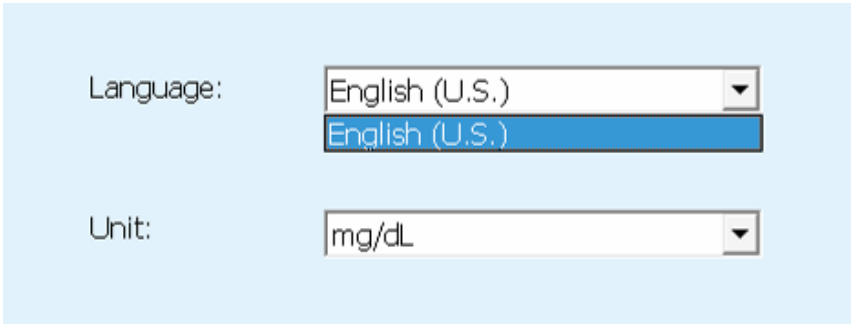
5.2 Preference Setup

Preference Setup sets the **Language** and measurement **Unit**. There are two ways to enter **Preference Setup:** Click in the toolbar, or select **Preference Setup** from the **Preference** drop down menu.



5.2.1 Setting Language

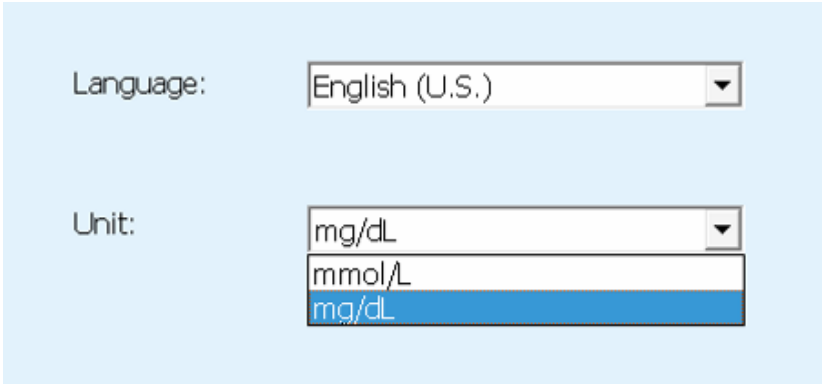
Select language from the **Language** drop down list.



Click ***Save*** to save any changed language. Click ***Cancel*** to go back to the previous preferences.

5.2.2 Setting Unit

Select the glucose measurement unit used for the glucose data from the **Unit** drop down list, either mmol/L or mg/dL.

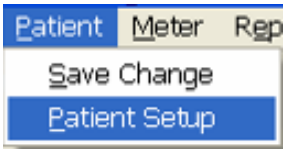


Click ***Save*** to save any changed units. Click ***Cancel*** to go back to the previous preferences.

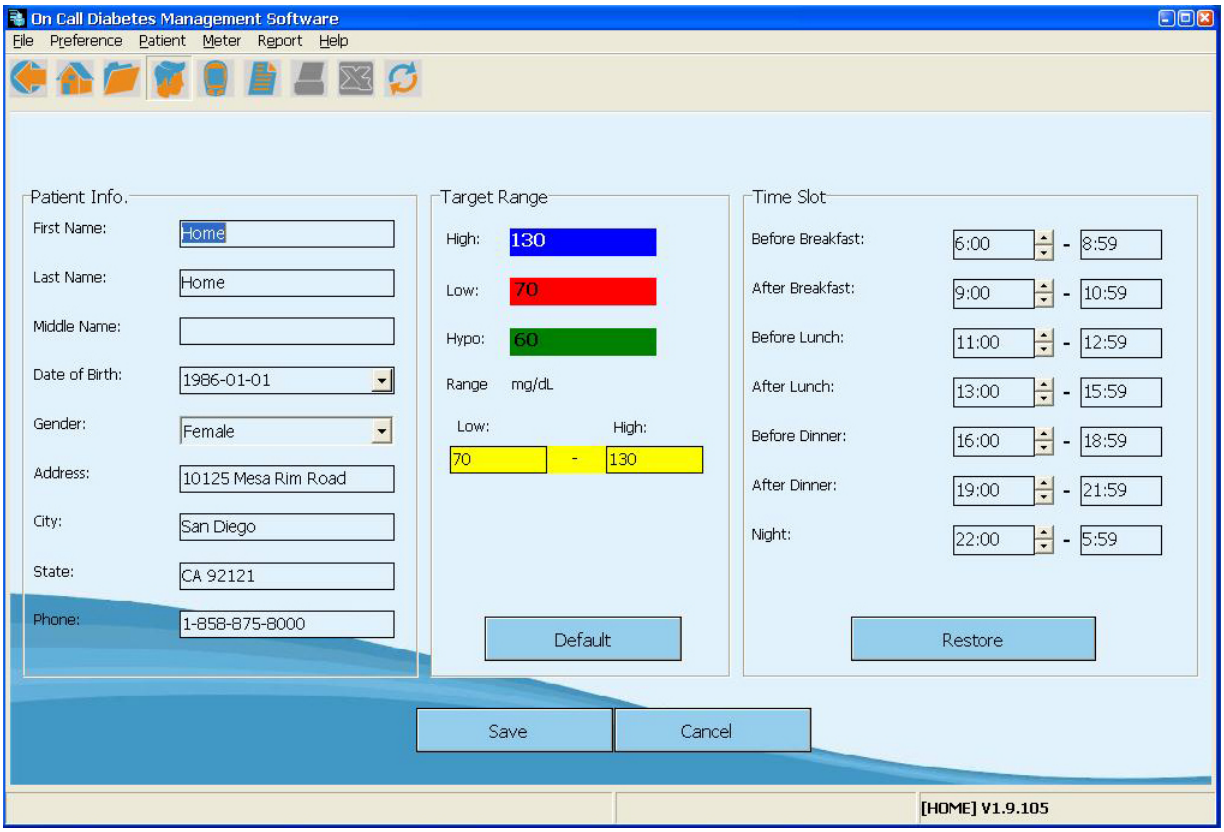
5.3 Patient Setup

Patient Setup allows you to change your information. You have three ways to enter **Patient Setup:** click

in the home page, click in the toolbar, or select **Patient Setup** from the **Patient** drop down menu.

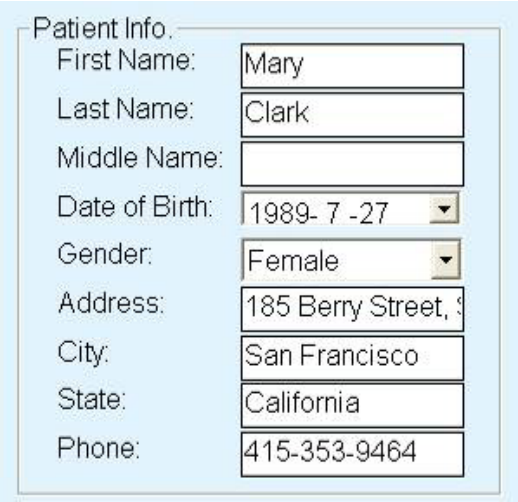


The **Patient Setup** window will be displayed as below. If it is the first time to start the Home Edition, the pre-set patient is "Home, Home", with other information shown below.



5.3.1 Patient Information

Set your own information by changing the **First Name, Last Name** and other patient Information directly. First Name and Last Name can not be empty.



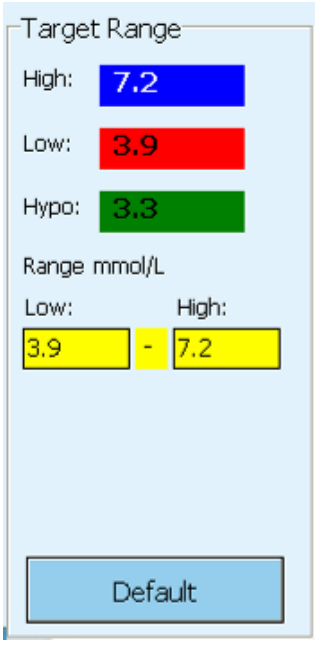
Click ***Save*** to save the modifications. Click ***Cancel*** to give up changing the patient Information.

5.3.2 Target Range

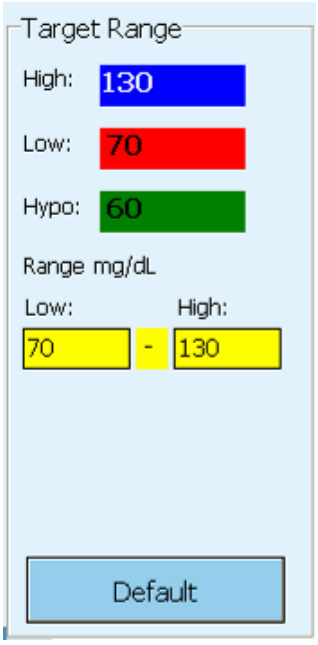
Values of three levels can be set in **Target Range**: High, Low and Hypo. The default normal range is between 70 to130 mg/dL (3.9-7.2 mmol/L). The target ranges are color coded and reflected in the summary and report pages.

Note: These target values are only examples, and if used, may have a serious impact on your health. Consult your healthcare provider for target values that are appropriate for your condition.

In mmol/L

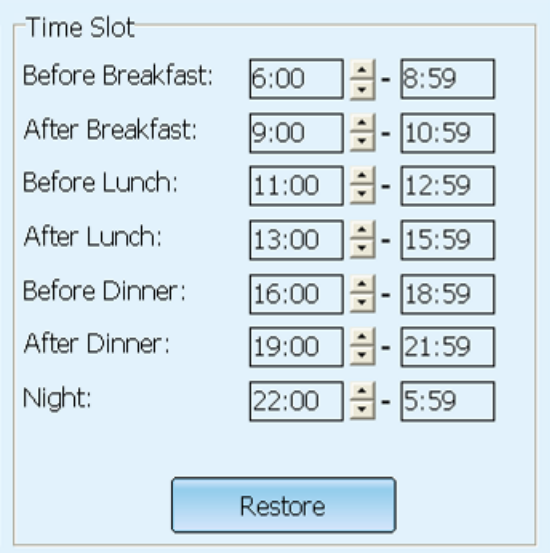


In mg/dL



5.3.3 Time Slot

On Call® DMS uses meal slots to organize data for reports. The window below shows the start and end times for 7 meal slots: **Before Breakfast, After Breakfast, Before Lunch, After Lunch, Before Dinner, After Dinner** and **Night**.


Time Slot
Before Breakfast: 6:00 - 8:59
After Breakfast: 9:00 - 10:59
Before Lunch: 11:00 - 12:59
After Lunch: 13:00 - 15:59
Before Dinner: 16:00 - 18:59
After Dinner: 19:00 - 21:59
Night: 22:00 - 5:59
Restore

Set your own time slot by clicking the **up** and **down** button. Click ***Restore*** button to go back to the default setting.

Click ***Save*** to save any changes that have been made in the Patient Setup. Click ***Cancel*** to keep the previous time slot.

5.4 Transferring Meter Readings

Transferring Meter Readings transfers data from a connected meter to the software database or completely clears all the readings from the connected meter. There are three ways to get to **Transferring Meter Readings:** click

in the home page, click in the toolbar, or select **Meter Communication** from the **Meter** drop down menu.

5.4.1 Connecting a Meter to PC

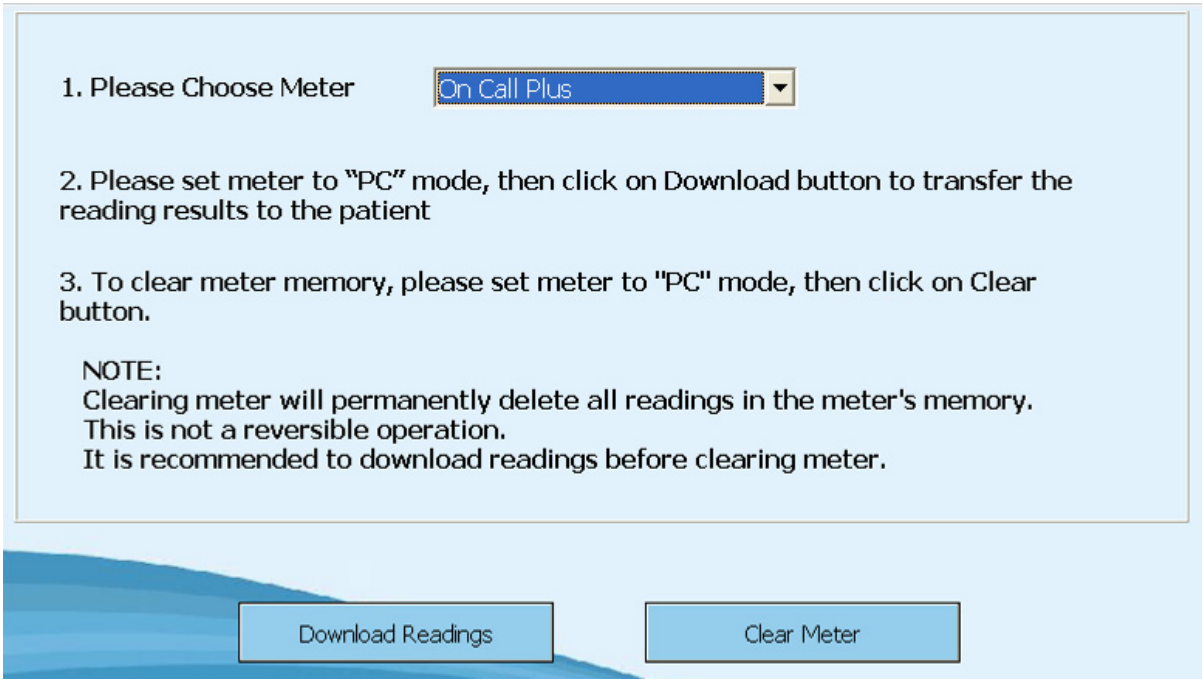
Enter PC mode of the meter referring to the user's manual of the meter. "**PC**" will appear on the display. Plug the USB Cable to the USB port on your computer.

Plug the audio jack into the meter.

5.4.2 Downloading Meter Readings

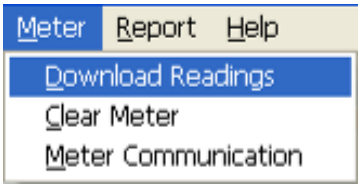
Before downloading meter readings from a glucose meter to PC, you must establish communication between the PC and the meter.

The following screen will display **Downloading Meter Readings**.


1. Please Choose Meter
On Call Plus
2. Please set meter to "PC" mode, then click on Download button to transfer the reading results to the patient
3. To clear meter memory, please set meter to "PC" mode, then click on Clear button.
NOTE:
Clearing meter will permanently delete all readings in the meter's memory.
This is not a reversible operation.
It is recommended to download readings before clearing meter.
Download Readings
Clear Meter

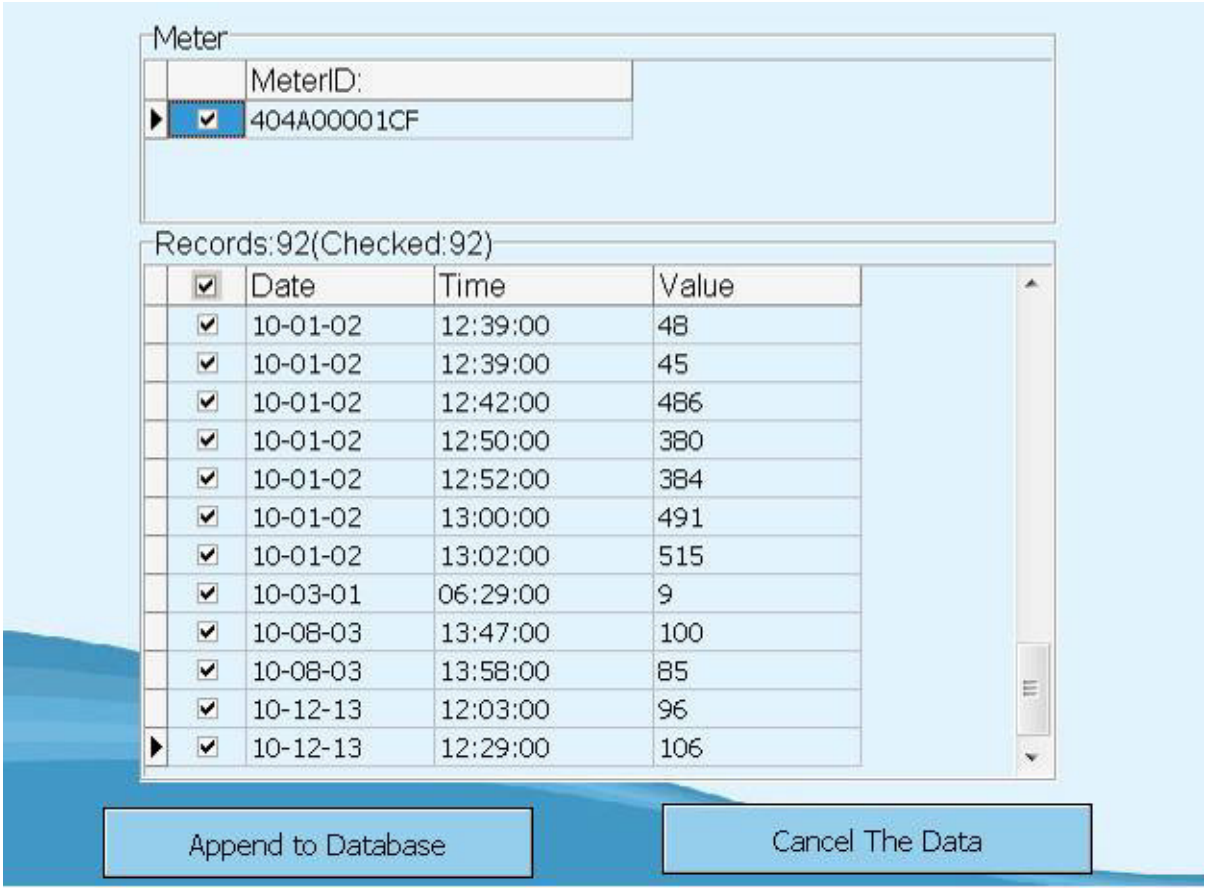
Select the meter type from the **Choose Meter** drop down list.

Once the meter is connected to PC, in its **"PC"** mode, click ***Download Readings*** button in the **Transfer Meter Reading** screen, or select **Download Readings** from the **Meter** drop down menu.



The following screen will pop up to show that data is downloaded successfully.

Click ***Ok*** and records of the meter will be listed as shown below.



Click **Append to Database** to transfer all the new data into the database of the software.

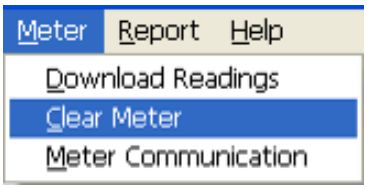
If you click **Cancel the Data**, the data will not be transferred to the database.

5.4.3 Clearing Meter Readings

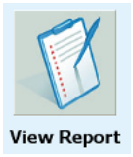
Extreme Cautions:

- Clearing meter will permanently delete all readings in the meter's memory.
- This is not a reversible operation.
- It is recommended to download readings before clearing meter.

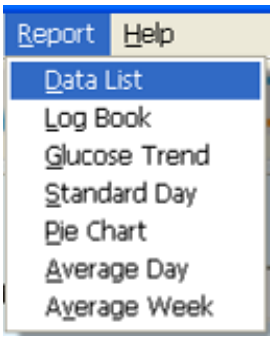
Once the meter is connected to the PC, in its **"PC"** mode, click ***Clear Meter*** in the **Transfer Meter Reading** screen, or select **Clear Meter** from the **Meter** drop down menu.



5.5 Viewing Reports

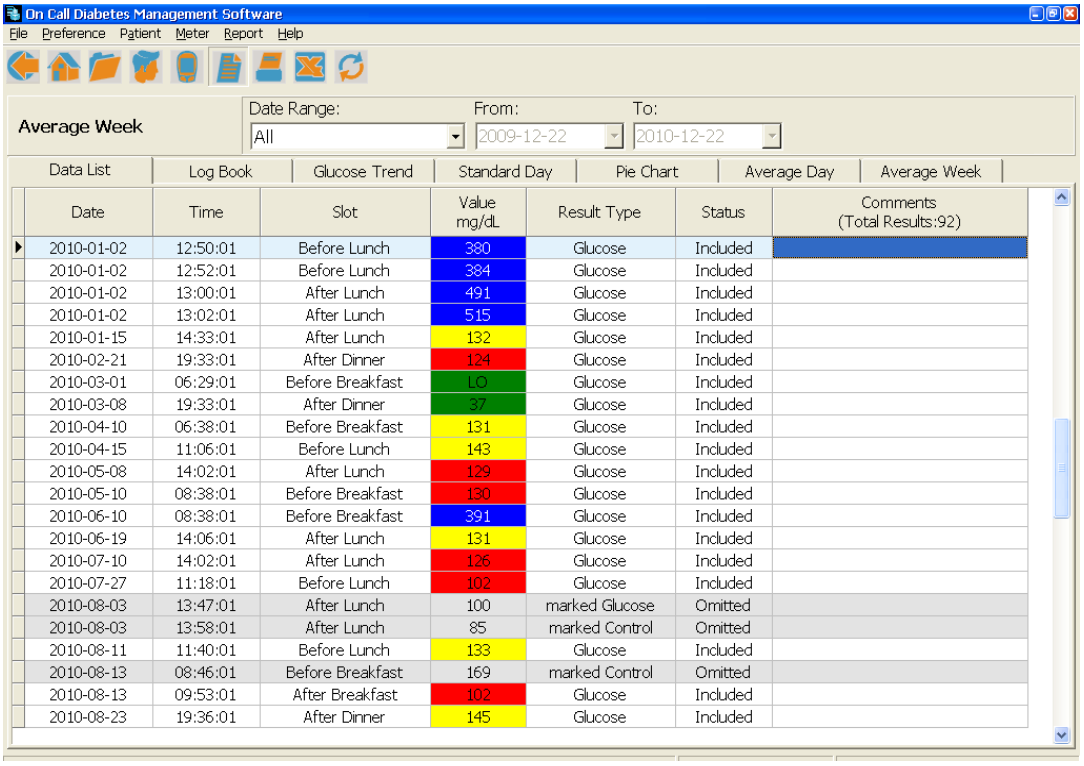
Seven reports are available in the software, including **Data List, Log Book, Glucose Trend, Standard Day, Pie Chart, Average Day** and **Average Week**. There are three ways to view the reports: click 

in the home page, click in the toolbar, or select your desired report from the **Report** drop down menu.



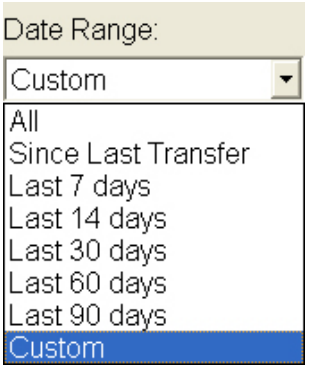
5.5.1 Data List Report

Data List is a list of all glucose data that has been downloaded for selected time slot and date range. To generate a **Data List Report**, select the **Data List** tab. The report will be generated based on the previous settings.

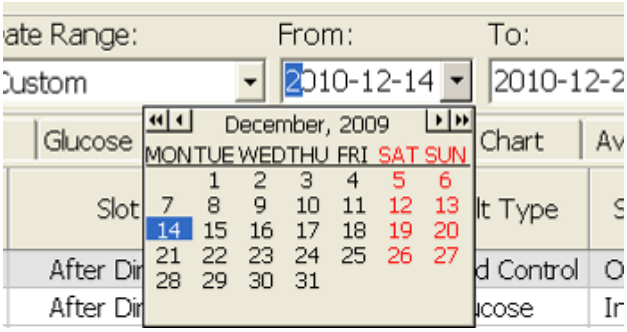

On Call Diabetes Management Software
File Preference Patient Meter Report Help
Average Week
Date Range: All
From: 2009-12-22
To: 2010-12-22
Data List | Log Book | Glucose Trend | Standard Day | Pie Chart | Average Day | Average Week

Date	Time	Slot	Value mg/dL	Result Type	Status	Comments (Total Results:92)
2010-01-02	12:50:01	Before Lunch	380	Glucose	Included	
2010-01-02	12:52:01	Before Lunch	384	Glucose	Included	
2010-01-02	13:00:01	After Lunch	491	Glucose	Included	
2010-01-02	13:02:01	After Lunch	515	Glucose	Included	
2010-01-15	14:33:01	After Lunch	132	Glucose	Included	
2010-02-21	19:33:01	After Dinner	124	Glucose	Included	
2010-03-01	06:29:01	Before Breakfast	LO	Glucose	Included	
2010-03-08	19:33:01	After Dinner	37	Glucose	Included	
2010-04-10	06:38:01	Before Breakfast	131	Glucose	Included	
2010-04-15	11:06:01	Before Lunch	143	Glucose	Included	
2010-05-08	14:02:01	After Lunch	129	Glucose	Included	
2010-05-10	08:38:01	Before Breakfast	130	Glucose	Included	
2010-06-10	08:38:01	Before Breakfast	391	Glucose	Included	
2010-06-19	14:06:01	After Lunch	131	Glucose	Included	
2010-07-10	14:02:01	After Lunch	126	Glucose	Included	
2010-07-27	11:18:01	Before Lunch	102	Glucose	Included	
2010-08-03	13:47:01	After Lunch	100	marked Glucose	Omitted	
2010-08-03	13:58:01	After Lunch	85	marked Control	Omitted	
2010-08-11	11:40:01	Before Lunch	133	Glucose	Included	
2010-08-13	08:46:01	Before Breakfast	169	marked Control	Omitted	
2010-08-13	09:53:01	After Breakfast	102	Glucose	Included	
2010-08-23	19:36:01	After Dinner	145	Glucose	Included	

Select a predefined date range from the **Date Range** drop down list.



A custom date range can be entered in the **From** and **To** date fields.



The values are color coded based on the target range set previously.

Blue values are above High level.

Red values are below Low level.

Green values are hypoglycemic readings.

Yellow values are the values within target.

Gray values are invalid or control readings.

Note: Consult your healthcare provider for target values that are appropriate for your condition to prevent serious health risk.

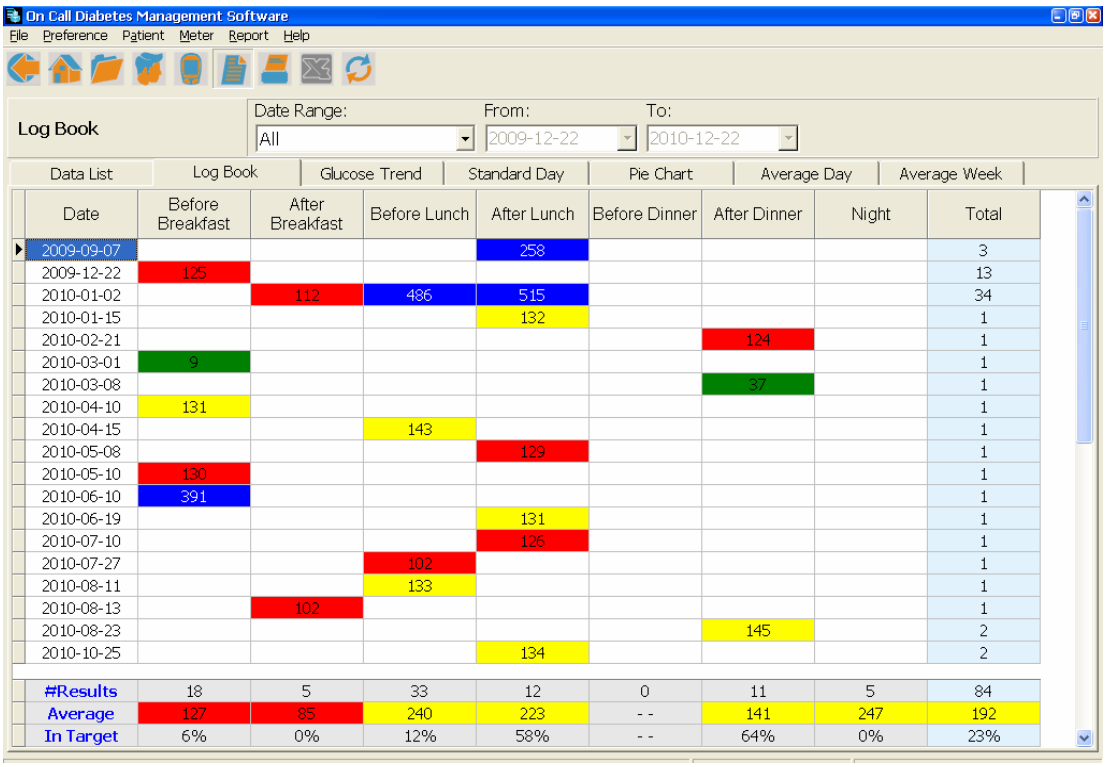
The **Data List Report** can be exported to Microsoft Excel. To export this list into an Excel spreadsheet, click on in the toolbar.

An **Export to Excel File** dialog box will pop up. Select the folder where you want to save the exported Excel file, enter a filename and click ***Save***.

5.5.2 Logbook Report

The **Logbook** displays a table of the glucose data based on the selected time slot and date range. To generate the **Logbook Report**, select the **Logbook** tab.

The report will be generated based on the previous settings.



Date	Before Breakfast	After Breakfast	Before Lunch	After Lunch	Before Dinner	After Dinner	Night	Total
2009-09-07				258				3
2009-12-22	125							13
2010-01-02		112	486	515				34
2010-01-15				132				1
2010-02-21						124		1
2010-03-01	9							1
2010-03-08						37		1
2010-04-10	131							1
2010-04-15			143					1
2010-05-08				129				1
2010-05-10	130							1
2010-06-10	391							1
2010-06-19				131				1
2010-07-10				126				1
2010-07-27			102					1
2010-08-11			133					1
2010-08-13		102						1
2010-08-23						145		2
2010-10-25				134				2
#Results	18	5	33	12	0	11	5	84
Average	127	85	240	223	- -	141	247	192
In Target	6%	0%	12%	58%	- -	64%	0%	23%

To change the report settings, select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

The average of all data in the selected time slot is listed in data fields at the bottom of the report. The values are color coded based on the target range set previously.

Blue values are above High level.

Red values are below Low level.

Green values are hypoglycemic readings.

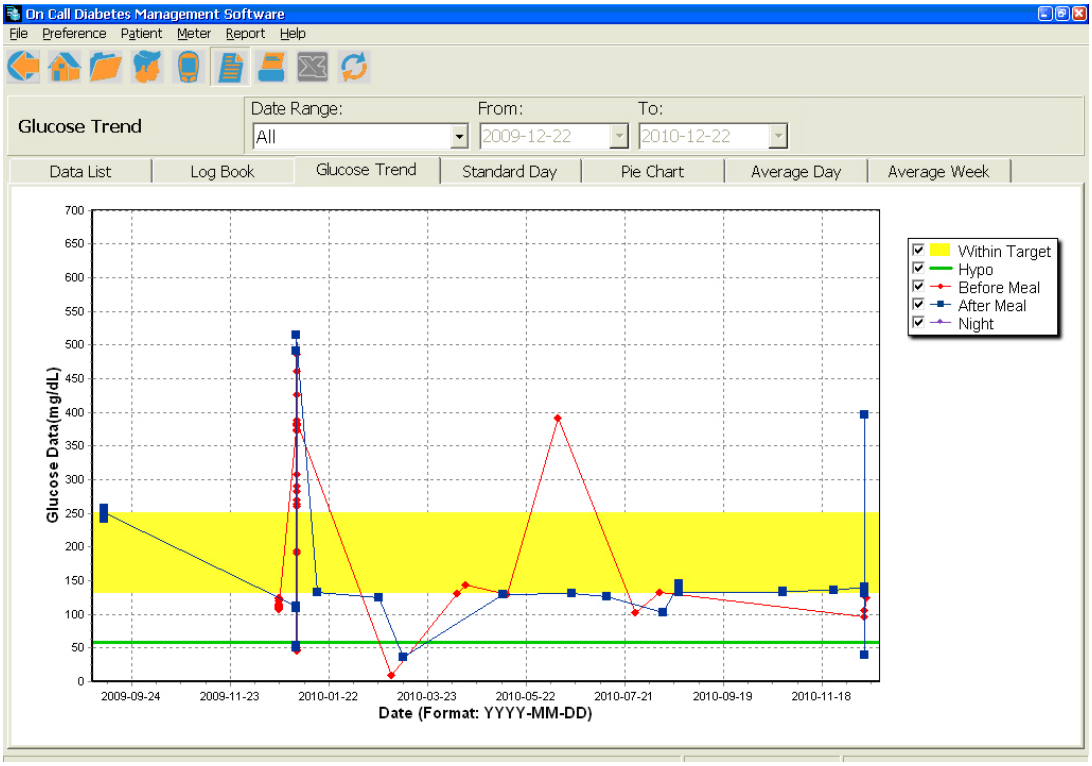
Yellow values are the values within target.

Note: Consult your healthcare provider for target values that are appropriate for your condition to prevent serious health risk.

5.5.3 Glucose Trend Report

The **Glucose Trend** displays a trend line graph of glucose data for selected time slot and date range.

To generate a **Glucose Trend Report**, select the **Glucose Trend** tab. The report will be generated based on the previous settings.



To change the report settings, select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

To display glucose trend only by Before Meal (or After Meal or Night), choose the option you want displayed in the area on the right side of the chart.

The target range and time slot are indicated with a color coded area and line.

Yellow area indicates within target.

Green line indicates Hypo level.

Red line is trend line for Before Meal.

Dark blue line is trend line for After Meal.

Purple line is trend line for Night.

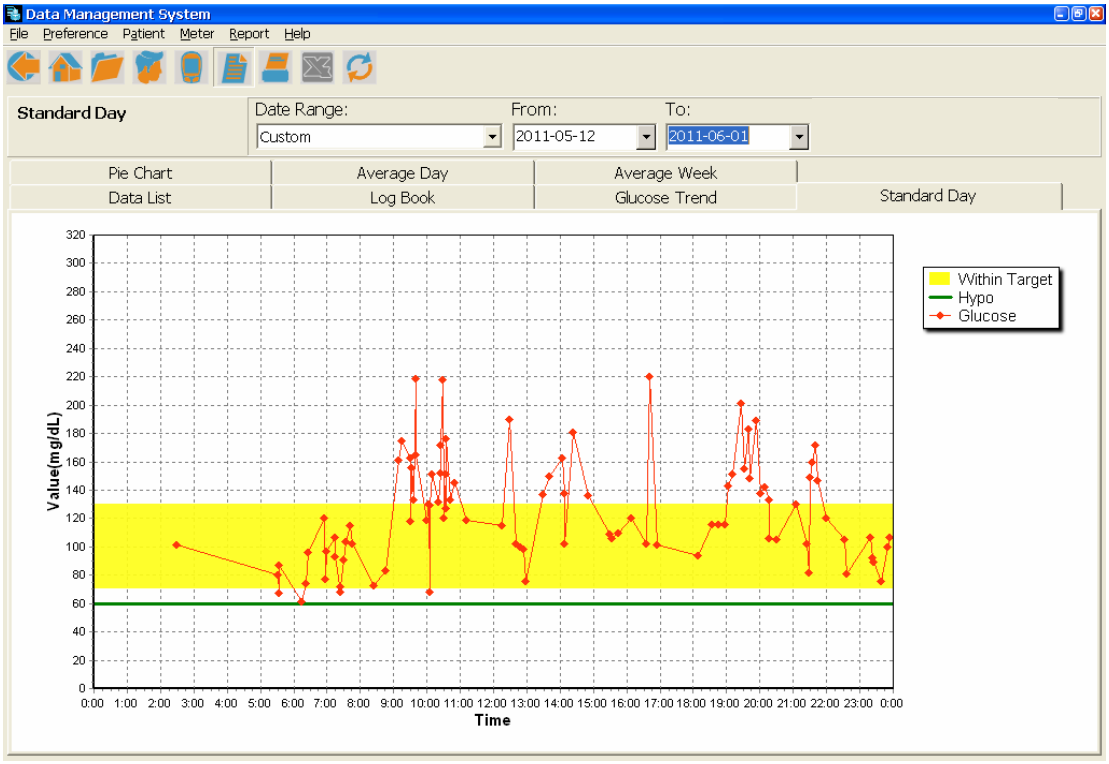
Note: Consult your healthcare provider for target values that are appropriate for your condition to prevent serious health risk.

5.5.4 Standard Day Report

The **Standard Day** displays a scatter graph of the glucose readings in 24 hours time. The **Standard Day Report** will be generated based on the selected patient and date range.

To generate a **Standard Day Report**, select the **Standard Day** tab.

The report will be generated based on the previous settings.



To change the report settings, select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

The target range is indicated with a color coded area and line.

Yellow area indicates within target.

Green line indicates Hypo level.

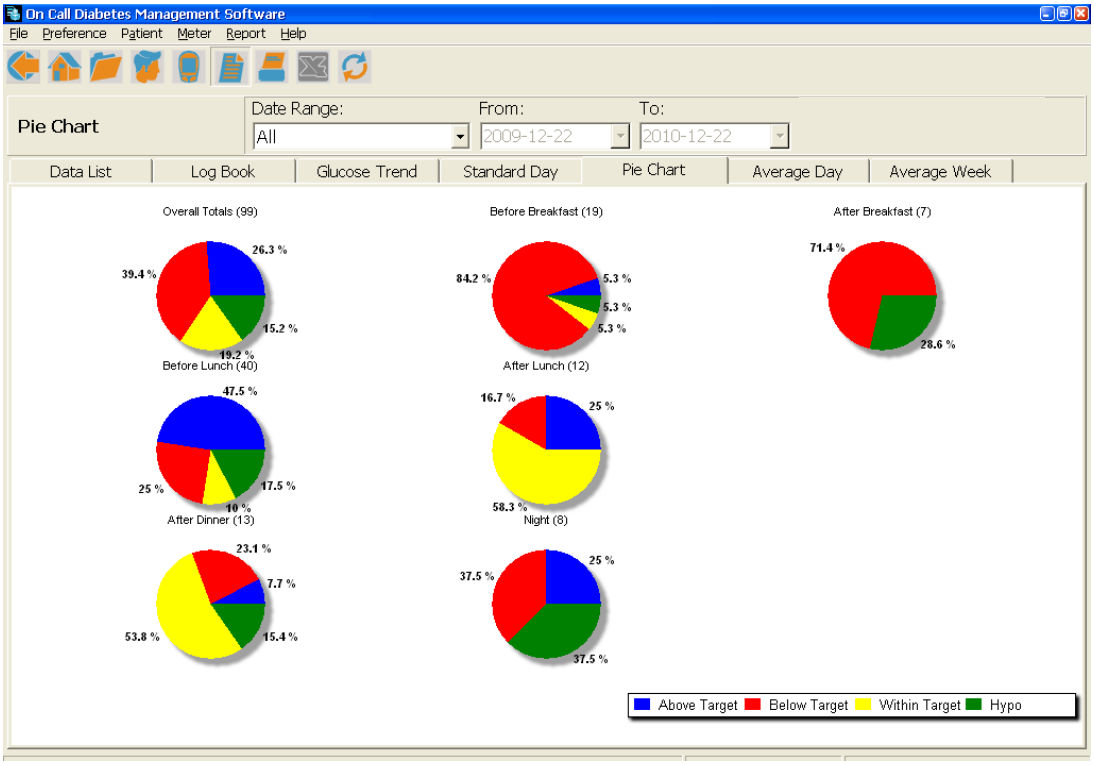
Red line indicates glucose concentration.

Note: Consult your healthcare provider for target values that are appropriate for your condition to prevent serious health risk.

5.5.5 Pie Chart Report

The **Pie Chart** displays the percentage of glucose readings for the selected time slot and date range in a pie chart format.

To generate a **Pie Chart Report**, select the **Pie Charts** tab. The report will be generated based on the previous settings.



To change the report settings, select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

The pie charts are color coded based on the user-defined target range.

Blue values are above High level.

Red values are below Low level.

Green values are hypoglycemic readings.

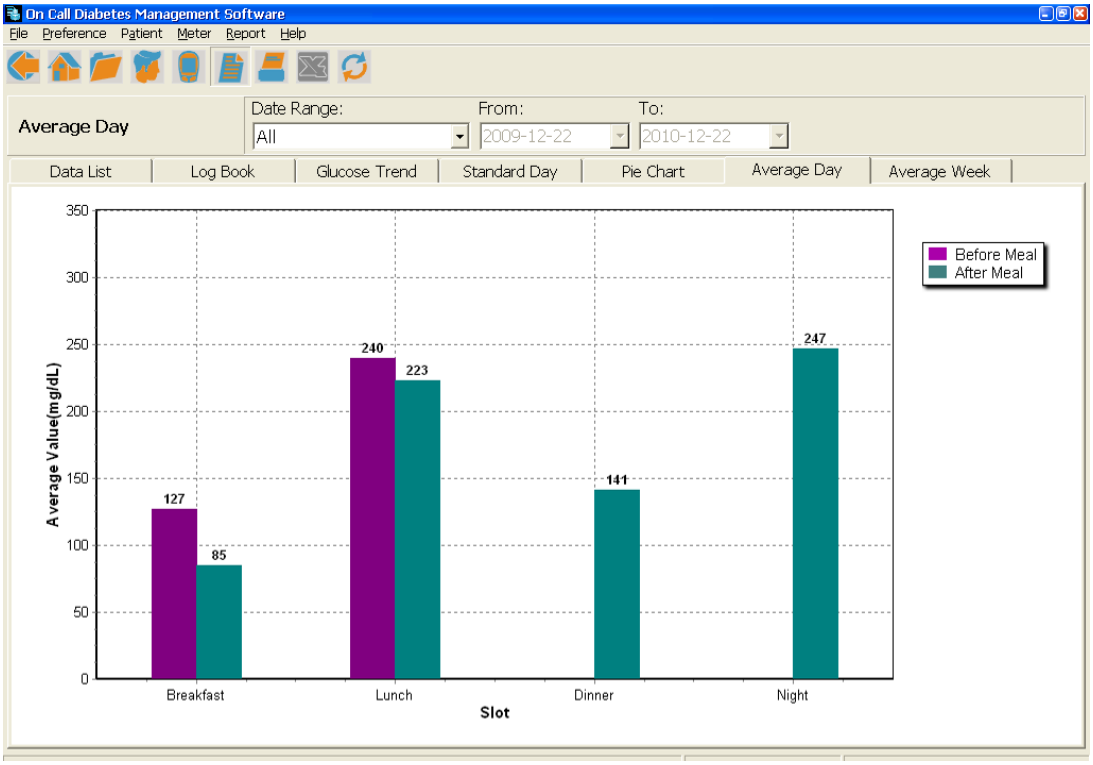
Yellow values are the values within target.

Note: Consult your healthcare provider for target values that are appropriate for your condition to prevent serious health risk.

5.5.6 Average Day Report

The **Average Day** displays a bar graph depicting the average glucose readings of Before Meal and After Meal for the selected time slot and date range.

To generate an **Average Day Report**, select the **Average Day** tab. The report will be generated based on the previous settings.



To change the report settings select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

The values are color coded based on the time slot set previously.

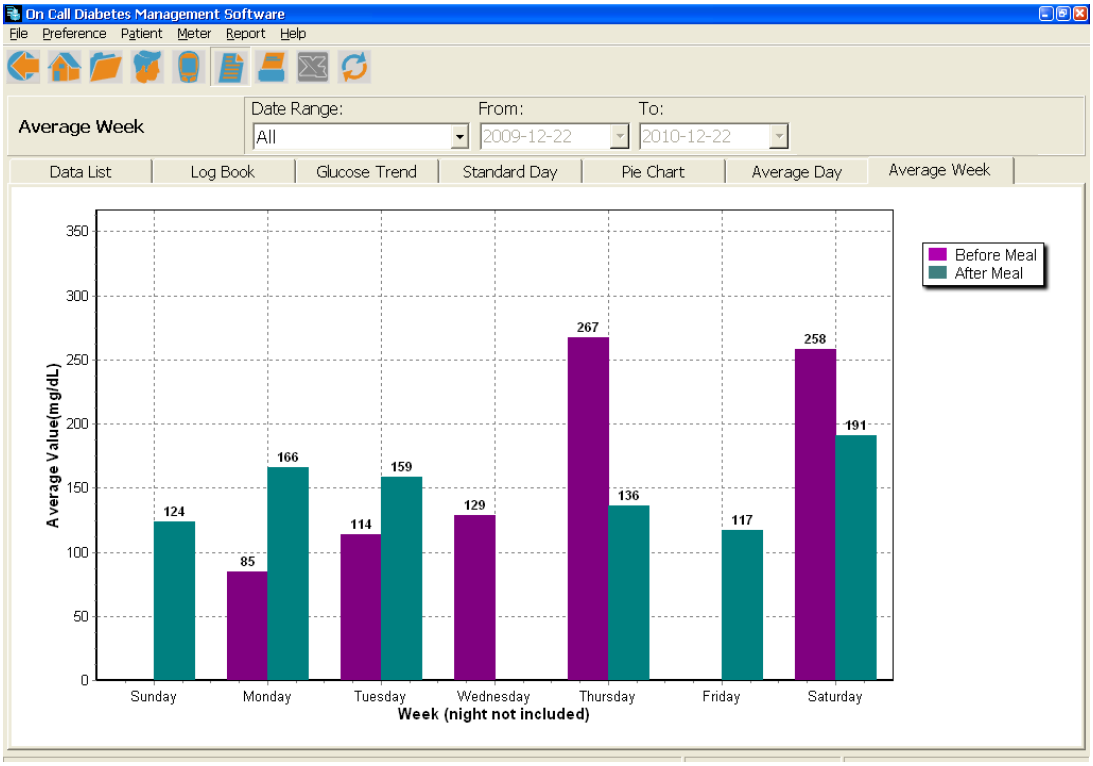
Dark Green bars indicate average value after meal.

Dark Purple bars indicate average value before meal.

5.5.7 Average Week Report

The **Average Week** displays a bar graph depicting the average glucose readings of Before Meal and After Meal 7 days a week for the selected patient, time slot and date range.

To generate an **Average Week Report**, select the **Average Week Report** tab. The report will be generated based on the previous settings.



To change the report settings, select a predefined date range from the **Date Range** drop down list or provide a custom date range in the **From** and **To** date fields.

The values are color coded based on the time slot set previously.

Dark Green bars indicate average value after meal.

Dark Purple bars indicate average value before meal.

5.5.8 Printing Reports

Reports can be printed by clicking in the toolbar.

Note: For the **Professional Edition**, select the desired patient from the **Patient** drop down list to view and print the reports.

6. Computer Security

The software is meant to be installed on computers managed and maintained by the user of the software. It is therefore the user's responsibility to maintain up-to-date protection of the system against malicious software and attackers. This should include, but is not limited to, a fire-walled network connection, access control mechanisms, up-to-date virus protection software, and other state-of-the-art IT security controls.